

Es : System Error

No	Title	Message	Detail (Action)
00000	Es00000:	Es00000:	
00001	Es00001:CODE ERROR	Please consult your distributor for further information. --- CAUSE --- Fatal error occurred in servo-board.	
00002	Es00002:INTERNAL ERROR	Please consult your distributor for further information. --- CAUSE --- Fatal error occurred in servo-board.	
00003	Es00003:FEEDBACK ERROR	An abnormal speed was detected while low-speed operating. --- CAUSE --- Failure in connecting motor-encoder cables. Failure in connecting motor-power cables. The servo-motor is defective. The servo-board is defective. --- COUNTERMEASURE --- Check the motor-encoder and motor-power cables. Replace motor, cable, or servo-board.	
00004	Es00004:FEEDBACK ERR 1	Cannot receive signal of the encoder correctly. --- CAUSE --- The encoder cable wiring is incorrect or disconnected. The servo-motor is defective. The servo-board is defective. --- COUNTERMEASURE --- Wire the encoder cable correctly. Replace motor,encoder cable,or servo-board.	
00005	Es00005:OVER LOAD	Too much load has been detected on servo-motor. --- CAUSE --- Mechanical action is not smooth. The electromagnetic break is defective. --- COUNTERMEASURE --- Check load on motor. Check the electromagnetic break.	
00006	Es00006:Tr.OVER CURRENT	Power module in driver-board detected an overcurrent etc. --- CAUSE --- The motor cable wiring is incorrect. Power module in driver-board is defective. The motor or servo-board is defective. --- COUNTERMEASURE --- Wire the encoder cable correctly. Replace motor,servo-board,or driver-board.	

Es : System Error

No	Title	Message	Detail (Action)
00007	Es00007:OVER CURRENT	<p>Electric current of servo-motor is over limit.</p> <p>--- CAUSE ---</p> <p>Mechanical locking in motor-axis.</p> <p>Failure in connecting motor-encoder cables.</p> <p>Failure in connecting motor-power cables.</p> <p>The servo-motor is defective.</p> <p>The servo-board is defective.</p> <p>Short in power supply capacity.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the mechanical friction in motor-axis.</p> <p>Check the motor-encoder and motor-power cables.</p> <p>Replace motor, cable, or servo-board.</p> <p>Check the voltage and capacity of power supply.</p>	
00008	Es00008:MOTOR OVER HEAT	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Fatal error occurred in servo-board.</p>	
00009	Es00009:Tr. OVER HEAT	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Fatal error occurred in servo-board.</p>	
00010	Es00010:WATCHD OG ERR 0	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Fatal error occurred in servo-board.</p>	
00011	Es00011:I/F BOARD WATCHDOG ERROR	<p>The control CPU of the I/F-board sleeps.</p> <p>--- CAUSE ---</p> <p>Error occurred in I/F-board.</p> <p>--- COUNTERMEASURE ---</p> <p>Exchange of I/F-boards.</p>	
00012	Es00012:DIVISION ERROR	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Fatal error occurred in servo-board.</p>	
00013	Es00013:2nd LIMIT OVER	<p>Axis of servo is beyond mechanical limit.</p> <p>--- COUNTERMEASURE ---</p> <p>Move relevant axis to center of axis range.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00014	Es00014:EMERGENCY STOP	"Emergency Stop" switch is "ON". --- COUNTERMEASURE --- Check "Emergency Stop" switches or cover etc.	
00015	Es00015:M.POWER DOWN	Driver Power Voltage is out of range. --- COUNTERMEASURE --- Power ON again. Check the circuit-protector. Check voltage of power supply.	
00016	Es00016:PI1 CON. OFF	Controller front panel connector is not connected properly. --- COUNTERMEASURE --- Connect controller front panel correctly.	
00017	Es00017:PI2 CON. OFF	Controller front panel connector is not connected properly. --- COUNTERMEASURE --- Connect controller front panel correctly.	
00018	Es00018:I/O CMU. ERROR	Fatal error occurred in I/O communication. --- CAUSE --- I/O communication line is disconnected, or I/O board is defective. --- COUNTERMEASURE --- Check connection of I/O line. Make sure earthing. Power ON again. Replace I/O board.	
00019	Es00019:WRITE PROTECT	Please consult your distributor for further information. --- CAUSE --- Fatal error occurred in I/O board.	
00020	Es00020:I/F BOARD NO ACK.	The machine detects the timeout in the response from I/F-board. --- CAUSE --- -The connection of the I/F-board is error. (The connection is insufficient.) -Error occurs in I/F-board. --- COUNTERMEASURE --- Please execute the following measures. -Acquisition of system backup. -Remove and insert the I/F-board in machine. -Power ON again. Please exchange I/F-board, when you can not solve it. Please send the manufacturer the system backup.	

Es : System Error

No	Title	Message	Detail (Action)
00021	Es00021:SRV NOT INSTALL	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>The servo-board is not installed.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the selection in machine information.</p> <p>Check the connection of servo-board to mother-board.</p> <p>Replace servo-board.</p>	
00022	Es00022:ENCODER ZERO ER	<p>Cannot receive C phase signal of the encoder correctly.</p> <p>--- CAUSE ---</p> <p>The encoder cable wiring is incorrect or disconnected.</p> <p>The servo-motor is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Wire the encoder cable correctly.</p> <p>Replace motor,encoder cable.</p>	
00023	Es00023:BAD POSITION	<p>Cannot count the encoder pulses correctly.</p> <p>--- CAUSE ---</p> <p>The encoder cable wiring is incorrect or disconnected.</p> <p>The servo-motor is defective.</p> <p>The servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Wire the encoder cable correctly.</p> <p>Replace motor,encoder cable,or servo-board.</p> <p>Power ON again.</p>	
00024	Es00024:MOTORP OWER FAIL LOW	<p>The DRIVERPOWER voltage has fallen below the lower bound.</p> <p>--- CAUSE ---</p> <p>The driver-power cable wiring is disconnected.</p> <p>The driver-power cable wiring has a ground leak.</p> <p>The motor, or servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check circuit-protector.</p> <p>Wire the motor cable correctly.</p> <p>Replace motor, or servo-board.</p>	
00025	Es00025:PHASE LOSS	<p>Phase loss in three phase power source</p> <p>--- CAUSE ---</p> <p>Three phase power source in factory is defective.</p> <p>The cable in machine is disconnected or contact-fail.</p> <p>--- COUNTERMEASURE ---</p> <p>Check power source in factory.</p> <p>Wire the cable in machine correctly.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00026	Es00026:SERVO-ON FAIL	<p>MOTORPOWER FAIL and PHASE LOSS during servo-on</p> <p>--- CAUSE ---</p> <p>Fail in driver-power cabling, as breaking or ground leak.</p> <p>The motor, or servo-board is defective.</p> <p>Three phase power source in factory is defective.</p> <p>The cable in machine is disconnected or contact-fail.</p> <p>Driver-power-board is defective.</p> <p>Temp. in controller goes over 65 degrees.</p> <p>--- COUNTERMEASURE ---</p> <p>Check circuit-protector.</p> <p>Check the motor power cables.</p> <p>Check the cables in machine correctly.</p> <p>Check temp. around controller.</p> <p>Check input-power voltage.</p> <p>Replace motor, servo-board, or driver-power-board.</p>	
00027	Es00027:CONTROLLER TEMP NG 1	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Temperature in the controller is beyond the limits.</p>	
00028	Es00028:CONTROLLER TEMP NG 2	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Temperature of regenerative resistance is beyond the limits.</p> <p>Driver-power-board is defective.</p>	
00029	Es00029:MOTORPOWER FAIL High	<p>Voltage of DRIVERPOWER is over the limit.</p> <p>--- CAUSE ---</p> <p>The power supply voltage is abnormal.</p> <p>The motor or the servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the power supply voltage.</p> <p>Replace the motor or the servo-board.</p>	
00030	Es00030:SRV PARAM.ERR	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Parameter data file is destroyed.</p> <p>Servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Power ON again.</p> <p>Install software again.</p> <p>Replace servo-board.</p>	
00031	Es00031:SERVO CPU ERR0	<p>Please consult your distributor for further information.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00032	Es00032:SERVO CPU ERR1	Please consult your distributor for further information.	
00033	Es00033:SERVO CPU ERR2	Please consult your distributor for further information.	
00034	Es00034:SERVO CPU ERR3	Please consult your distributor for further information.	
00035	Es00035:POS DEV. EXCESS	<p>Servo-motor not responding to commands from servo-board.</p> <p>--- CAUSE ---</p> <p>Mechanical locking in motor-axis. Failure in connecting motor-encoder cables. Failure in connecting motor-power cables. The servo-motor is defective. The servo-board or the driver-board is defective. Short in power supply capacity.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the mechanical friction in motor-axis. Check the motor-encoder and motor-power cables. Replace motor,cable,servo-board,or driver-board. Check the voltage and capacity of power supply.</p>	
00036	Es00036:SPD DETECT. ERR	<p>Too much speed has been detected on servo-motor when holding.</p> <p>--- CAUSE ---</p> <p>The encoder cable wiring is incorrect or disconnected. The motor cable wiring is incorrect or disconnected. The motor is defective. The servo-board or the driver-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Wire the encoder or the motor cable correctly. Replace motor,servo-board,or cable.</p>	
00037	Es00037:OVRLOAD PROTECT	<p>Too much load has been detected on servo-motor.</p> <p>--- CAUSE ---</p> <p>Mechanical action is not smooth. The electromagnetic break is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check load on motor. Check the electromagnetic break.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00038	Es00038:OVR CUR. PROTECT	Power module in driver-board detected an overcurrent etc. --- CAUSE --- The motor cable wiring is incorrect. Power module in driver-board is defective. The motor or servo-board is defective. --- COUNTERMEASURE --- Wire the encoder cable correctly. Replace motor,servo-board,or driver-board.	
00039	Es00039:SPD DEV. EXCESS	Electric current for servo-motor is over limit. --- CAUSE --- Mechanical locking in motor-axis. Failure in connecting motor-encoder cables. Failure in connecting motor-power cables. The servo-motor is defective. The servo-board or the driver-board is defective. Short in power supply capacity. --- COUNTERMEASURE --- Check the mechanical friction in motor-axis. Check the motor-encoder and motor-power cables. Replace motor,cable,servo-board,or driver-board. Check the voltage and capacity of power supply.	
00040	Es00040:SERVO ERROR 0	Please consult your distributor for further information.	
00041	Es00041:SERVO ERROR 1	Please consult your distributor for further information.	
00042	Es00042:SERVO ERROR 2	Please consult your distributor for further information.	
00043	Es00043:SERVO ERROR 3	Please consult your distributor for further information.	
00044	Es00044:SERVO ERROR 4	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00045	Es00045:SERVO ERROR 5	Please consult your distributor for further information.	
00046	Es00046:SERVO ERROR 6	Please consult your distributor for further information.	
00047	Es00047:SERVO ERROR 7	Please consult your distributor for further information.	
00048	Es00048:HOLD SPEED ERR	Too much speed has been detected on servo-motor when holding. --- CAUSE --- The encoder cable wiring is incorrect or disconnected. The motor cable wiring is incorrect or disconnected. The motor is defective. The servo-board is defective. --- COUNTERMEASURE --- Wire the encoder or the motor cable correctly. Replace the motor, the servo-board, or the cable.	
00049	Es00049:POWER MODULE ER	Power module in servo-board detected excessive current etc. --- CAUSE --- The motor cable wiring is incorrect. Power module in servo-board is defective. The motor or servo-board is defective. --- COUNTERMEASURE --- Wire the encoder cable correctly. Replace the motor or the servo-board.	
00050	Es00050:CURRENT OFFSET ADJUSTMENT ERROR	An abnormal current of the motor was detected. --- CAUSE --- Current detector on servo-board is defective. --- COUNTERMEASURE --- Replace the servo-board.	
00051	Es00051:LACK OF CURRENT	Cannot supply sufficient current to servo-motor. --- CAUSE --- The motor cable wiring is incorrect or disconnected. The servo-board is defective. The sensor of ATS door made a mis-reaction. --- COUNTERMEASURE --- Wire the motor cable correctly. Replace the motor cable. Replace the servo-board. Confirm the ATS door closed.	

Es : System Error

No	Title	Message	Detail (Action)
00052	Es00052:CPU TIMER0 ERR	Please consult your distributor for further information. --- CAUSE --- Fatal error occurred in servo-board.	
00053	Es00053:CPU TIMER1 ERR	Please consult your distributor for further information. --- CAUSE --- Fatal error occurred in servo-board.	
00054	Es00054:CPU TIMER2 ERR	Please consult your distributor for further information. --- CAUSE --- Fatal error occurred in servo-board.	
00055	Es00055:SRV VERSION ERR	Please consult your distributor for further information. --- CAUSE --- A mismatch between servo-board and software. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	
00056	Es00056:DUAL DRIVE POSITION DIFFERENCE EXCESS	A positional difference was generated between two axes of the dual drive. --- CAUSE --- A mechanical distortion occurs on the dual drive. The adjustment of the dual drive offset is improper. The encoder cable wiring is incorrect or disconnected. The servo-motor is defective. The servo-board is defective. --- COUNTERMEASURE --- Correct the mechanical distortion. Adjust the dual drive offset. Wire the encoder cable correctly. Replace motor, encoder cable, or servo-board.	
00057	Es00057:DUAL DRIVE CURRENT DIFFERENCE EXCESS	An excessive current difference was detected between two axes of the dual drive. --- CAUSE --- A mechanical distortion occurs on the dual drive. The adjustment of the dual drive offset is improper. The encoder cable wiring is incorrect or disconnected. The servo-motor is defective. The servo-board is defective. --- COUNTERMEASURE --- Correct the mechanical distortion. Adjust the dual drive offset. Wire the encoder cable correctly. Replace motor, encoder cable, or servo-board.	

Es : System Error

No	Title	Message	Detail (Action)
00058	Es00058:STPORD TIMEOUT	Overtime for positioning control occurred. --- CAUSE --- Influence of mechanical clash. --- COUNTERMEASURE --- Avoid clash.	
00059	Es00059:TOL DATA ERR	Overtime for positioning control occurred. --- CAUSE --- Influence of mechanical clash. --- COUNTERMEASURE --- Avoid clash.	
00060	Es00060:SFTLMT_ DATA_ERR	Please consult your distributor for further information. --- CAUSE --- Soft limit over was detected in servo-board.	
00061	Es00061:AXS_OUT OFBOUNDS	Please consult your distributor for further information. --- CAUSE --- Axis number gotten from DPRAM was out of bounds.	
00062	Es00062:COMMAN D AXS ERR	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	
00063	Es00063:ClockStop 20MHz	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	
00064	Es00064:ClockStop 32MHz	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	
00065	Es00065:ClockStop 20/32MHz	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	
00066	Es00066:CpuWate rDogCounterErr	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	

Es : System Error

No	Title	Message	Detail (Action)
00067	Es00067:CpuClock Err 100MHz	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	
00068	Es00068:CpuClock Err 60MHz	Please consult your distributor for further information. --- CAUSE --- There was no command in the axis command area.	
00069	Es00069:EncoderB reak A/B/C	--- CAUSE --- The encoder cable wiring is broken. --- COUNTERMEASURE --- Check the encoder cables.	
00070	Es00070:EncoderB reak B/C	--- CAUSE --- The encoder cable wiring is broken. The servo-motor or servo-board is defective. --- COUNTERMEASURE --- Check the encoder cables. Replace the servo-motor or servo-board.	
00071	Es00071:EncoderB reak A/C	--- CAUSE --- The encoder cable wiring is broken. The servo-motor or servo-board is defective. --- COUNTERMEASURE --- Check the encoder cables. Replace the servo-motor or servo-board.	
00072	Es00072:EncoderB reak C	--- CAUSE --- The encoder cable wiring is broken. The servo-motor or servo-board is defective. --- COUNTERMEASURE --- Check the encoder cables. Replace the servo-motor or servo-board.	
00073	Es00073:EncoderB reak A/B	--- CAUSE --- The encoder cable wiring is broken. The servo-motor or servo-board is defective. --- COUNTERMEASURE --- Check the encoder cables. Replace the servo-motor or servo-board.	
00074	Es00074:EncoderB reak B	--- CAUSE --- The encoder cable wiring is broken. The servo-motor or servo-board is defective. --- COUNTERMEASURE --- Check the encoder cables. Replace the servo-motor or servo-board.	

Es : System Error

No	Title	Message	Detail (Action)
00075	Es00075:EncoderBreak A	<p>--- CAUSE ---</p> <p>The encoder cable wiring is broken.</p> <p>The servo-motor or servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the encoder cables.</p> <p>Replace the servo-motor or servo-board.</p>	
00076	Es00076:Position deviation overflow	<p>Servo-motor not responding to commands from servo-board.</p> <p>--- CAUSE ---</p> <p>Mechanical locking in motor-axis.</p> <p>Failure in connecting motor-encoder cables.</p> <p>Failure in connecting motor-power cables.</p> <p>The servo-motor is defective.</p> <p>The servo-board is defective.</p> <p>Short in power supply capacity.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the mechanical friction in motor-axis.</p> <p>Check the motor-encoder and motor-power cables.</p> <p>Replace the motor, the cable, or the servo-board.</p> <p>Check the voltage and capacity of power supply.</p>	
00077	Es00077:Servo Checksum Err	<p>The data communication between the I/F-board and the system board is abnormal.</p> <p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>The I/F-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Replace the I/F-board.</p>	
00078	Es00078:Servo DownLoad Err	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Fatal error occurred in controller.</p> <p>--- COUNTERMEASURE ---</p> <p>Reboot the machine.</p>	
00079	Es00079:SrvCom cable Err	<p>The servo communication cable is broken.</p> <p>--- CAUSE ---</p> <p>The servo communication cable is broken.</p> <p>The I/F-board or the servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the servo communication cables.</p> <p>Check the LEDs on the I/F-board or the servo-board.</p> <p>Replace the I/F-board or the servo-board.</p>	
00080	Es00080:Encoder Initial Position Data Error	<p>The initial position data of encoder (CS DATA) is abnormal.</p> <p>--- CAUSE ---</p> <p>Fail in connecting motor-encoder cables.</p> <p>The encoder cable wiring is broken.</p> <p>The servo-motor or servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the encoder cables.</p> <p>Replace the servo-motor or servo-board.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00081	Es00081:48V motor power fail (High)	<p>Voltage of 48V for motor power exceeded DC 60V.</p> <p>--- CAUSE ---</p> <p>The SW power supply for 48V is defective.</p> <p>The head-servo-board or head-IO-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the output voltage of the 48V SW power supply.</p> <p>Replace the servo-motor or servo-board.</p>	
00082	Es00082:Linear Encoder Pulse Error	<p>The linear-axis encoder count is abnormal.</p> <p>--- CAUSE ---</p> <p>The scale tape is unclean.</p> <p>The encoder cable wiring is broken.</p> <p>The servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Clean the scale tape, and then execute Return-to-origin.</p> <p>Check the encoder cable and connection, or replace the encoder cable.</p> <p>Replace the servo-board.</p>	
00083	Es00083:Application watchdog error	<p>A servo detected a hang-up of application software.</p> <p>--- CAUSE ---</p> <p>Application software is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Power ON again.</p> <p>Please consult your distributor for further information.</p>	
00084	Es00084:IPM short-circuit error	<p>A servo board detected a short circuit of the IPM on servo board.</p> <p>--- CAUSE ---</p> <p>A power module on servo board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Replace the servo board.</p>	
00085	Es00085:PWM Output Short Error	<p>--- CAUSE ---</p> <p>--- COUNTERMEASURE ---</p>	
00086	Es00086:C/R DC POWER NG	<p>The power-supply voltage in the servo controller box is abnormal.</p> <p>--- CAUSE ---</p> <p>The power supply in the servo controller box breaks down.</p> <p>The driver-power-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Replace the power supply in the servo controller box.</p> <p>Replace the driver-power-board.</p>	
00087	Es00087:C/R 24V POWER NG	<p>24V voltage is not supplied to the servo controller box.</p> <p>--- CAUSE ---</p> <p>The 24V power supply is defective.</p> <p>The cable of the 24V power supply is not correctly connected.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the 24V power supply voltage.</p> <p>Check the connection of the 24V power line.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00088	Es00088:Power Establishment Timeout Error	<p>--- CAUSE ---</p> <p>--- COUNTERMEASURE ---</p>	
00089	Es00089:C/R BOX FAN STOP	<p>The fan in the servo controller box stopped.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The connector of the fan is not correctly connected.</p> <p>The cable of the fan is break.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the connection of the fan.</p> <p>Replace the fan.</p>	
00090	Es00090:Servo Board Mis-connection Error	<p>The connection of the servo board is wrong.</p> <p>--- CAUSE ---</p> <p>Wrong insertion of servo board.</p> <p>Mis-connection of the servo communication cable.</p> <p>The setting of the ID switch on the servo board is wrong.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the insertion of the servo board.</p> <p>Check the servo communication cable.</p> <p>Check the setting of the ID switch on the servo board.</p>	
00091	Es00091:Reference Position Update Error	<p>The reference position data for the servo board was not updated.</p> <p>--- CAUSE ---</p> <p>The firmware of the I/F board is abnormal.</p> <p>The firmware of the servo board is abnormal.</p> <p>--- COUNTERMEASURE ---</p> <p>Please consult your distributor for further information.</p>	
00092	Es00092:Servo Communication Checksum Error	<p>The communication between the interface board and the servo board is abnormal.</p> <p>--- CAUSE ---</p> <p>The servo communication cable is break.</p> <p>The I/F board is defective.</p> <p>The servo board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Replace the servo communication cable.</p> <p>Replace the I/F board.</p> <p>Replace the servo board.</p>	
00093	Es00093:Vacuum Pressure Check Error	<p>Reading the vacuum pressure failed.</p> <p>--- CAUSE ---</p> <p>The head-servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Replace the head-servo-board.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00094	Es00094:48V motor power fail (Low)	<p>Voltage of 48V for motor power fell below DC 29V.</p> <p>--- CAUSE ---</p> <p>The circuit-protector off.</p> <p>The SW power supply for 48V is defective.</p> <p>The head-servo-board or head-IO-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the circuit-protector.</p> <p>Check the output voltage of the 48V SW power supply.</p> <p>Replace the servo-motor or servo-board.</p>	
00095	Es00095:Magnet Pole Detect Error	<p>The servo board can't detect the initial position of liner motor.</p> <p>--- CAUSE ---</p> <p>The linear motor increased agitation.</p> <p>The linear scale or linear sensor is defective.</p> <p>The linear I/F-board or the servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Retry servo on again.</p> <p>Power on again.</p> <p>Check the encoder cable and connection. or replace the encoder cable.</p> <p>Replace the linear scale or linear sensor.</p> <p>Replace the linear I/F-board or the servo-board.</p> <p>Check the motor cable and connection. or replace the motor cable.</p>	
00096	Es00096:SERVO BOARD COMMUNICATION ERROR	<p>The machine detects the timeout in the response from servo-board. It seems that there is a cause in either communication line, head servo-board, or base servo-board.</p> <p>--- CAUSE ---</p> <p>-Disconnection of communication line.</p> <p>-Breakdown of the base servo-board.</p> <p>-Breakdown of the head servo-board.</p> <p>-Breakdown of the head I/O board.</p> <p>--- COUNTERMEASURE ---</p> <p>-Please confirm whether the "Es00079:SrvCom cable Err" occurs in the same axis.</p> <p>(Please confirm the communication line, when "Es00079" and "Es00096" are generated at the same time.)</p> <p>-Please confirm the LED blink condition on the base servo-board and the head servo-board.</p> <p>(The board in which LED blink stops is error.)</p> <p>After the above-mentioned is confirmed, if the board abnormality occurs, please exchange the base servo-board, the head servo-board, and the head I/O board.</p>	
00097	Es00097:Linear Sensor Cable Error	<p>The Servo board has detected a linear sensor cable error.</p> <p>--- CAUSE ---</p> <p>A sensor cable of linear motor has been broken.</p> <p>A connector of sensor cable of linear motr has been off or loose.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the Linear sensor cable and connection. or replace the linear sensor cable.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00098	Es00098:Linear Sensor Status Error	<p>A LINEAR IF BOARD has detected the abnormal status of linear sensor. The status is shown by value in parentheses. 1.Sensor signal error 2.Sine signal error 3.Cosine signal error 4.RD conversion error 5.Temperature error --- CAUSE --- A sensor cable of linear motor has been broken. A connector of sensor cable of linear motr has been off or loose. A linear sensor doesn't work. A LINEAR IF BOARD doesn't work. --- COUNTERMEASURE --- Check the Linear sensor cable and connection. or replace the linear sensor cable. Replace a linear sensor. Replace a LINEAR IF BOARD.</p>	
00099	Es0099:I/F BOARD MEMORY ACCESS ERROR	<p>The memory on the I/F-board can not access. --- CAUSE --- Memory error occurs in I/F-board. -- COUNTERMEASURE --- Please execute the following measures. -Acquisition of system backup. -Exchange of I/F-board. Please send the manufacturer the system backup.</p>	
00100	Es00100:	Es00100:	
00101	Es00101:Disk Write Protected	<p>--- CAUSE --- Write protect of the floppy disk is active. --- COUNTERMEASURE --- Release Write protect of the floppy Disk.</p>	
00102	Es00102:Drive Not Available	<p>--- CAUSE --- The path can't be found. --- COUNTERMEASURE --- Check the path.</p>	
00103	Es00103:Drive Not Ready	<p>--- CAUSE --- there is no file in Drive A. --- COUNTERMEASURE --- Put the floppy disk into Drive A.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00104	Es00104:Invalid Disk Command	Please consult your distributor for further information.	
00105	Es00105:CRC Error	Please consult your distributor for further information.	
00106	Es00106:Invalid Command Length	Please consult your distributor for further information.	
00107	Es00107:Seek Error	--- CAUSE --- Write protect of the floppy disk is Effective. --- COUNTERMEASURE --- Release Write protect of the floppy Disk.	
00108	Es00108:Disk Not MS-DOS	Es00108:Disk Not MS-DOS	
00109	Es00109:Sector Not Found	Es00109:Sector Not Found	
00110	Es00110:No Paper	Please consult your distributor for further information.	
00111	Es00111:Write Fault	--- CAUSE --- This floppy disk has a trouble. This floppy disk isn't formatted by 1.4M type. --- COUNTERMEASURE --- Use the new floppy disk. Use the floppy disk formatted by 1.4M type	

Es : System Error

No	Title	Message	Detail (Action)
00112	Es00112:Read Fault	--- CAUSE --- This floppy disk has a trouble. This floppy disk isn't formatted by 1.4M type. --- COUNTERMEASURE --- Use the new floppy disk. Use the floppy disk formatted by 1.4M type	
00113	Es00113:General Failure	Please consult your distributor for further information.	
00114	Es00114:Unknown Error	Please consult your distributor for further information.	
00115	Es00115:No Such File	--- CAUSE --- There is not the objective file. --- COUNTERMEASURE --- Check the objective file.	
00116	Es00116:Argument List Too Long	Please consult your distributor for further information.	
00117	Es00117:Exec File Format Error	Please consult your distributor for further information.	
00118	Es00118:Bad File Number	Please consult your distributor for further information.	
00119	Es00119:Not Enough Memory	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00120	Es00120:Permission Denied	Please consult your distributor for further information.	
00121	Es00121:File Exists	--- CAUSE --- There is not the objective file. --- COUNTERMEASURE --- Check the objective file.	
00122	Es00122:Cross Device Link	Please consult your distributor for further information.	
00123	Es00123:Invalid Argument	Please consult your distributor for further information.	
00124	Es00124:Too Many Open Files	Please consult your distributor for further information.	
00125	Es00125:Disk Full	--- CAUSE --- The disk space of the floppy disk is full. It is impossible to write more data to it. --- COUNTERMEASURE --- Use the new floppy disk.	
00126	Es00126:Math Argument	Please consult your distributor for further information.	
00127	Es00127:Argument Overflow	Please consult your distributor for further information.	
00128	Es00128:Resource Deadlock	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00129	Es00129:Directory Change Error	Please consult your distributor for further information.	
00130	Es00130:Drive Change Error	Please consult your distributor for further information.	
00131	Es00131:Directory Exist	--- CAUSE --- There is a same directory with the objective directory. --- COUNTERMEASURE --- Change the name of the objective directory.	
00132	Es00132:Directory Make Error	Please consult your distributor for further information.	
00133	Es00133:Directory Remove Error	--- CAUSE --- There is a file in the objective directory. --- COUNTERMEASURE --- Delete the file of ateChange the name of the objective directory.	
00134	Es00134:Rename Error	Please consult your distributor for further information.	
00200	\\x1b[41mIO WARNING:	\\x1b[41mIO WARNING:	
00201	Es00201:KG2-42S9 File Open Error	Please consult your distributor for further information.	
00202	Es00202:KG2-42S8 File Open Error	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00203	Es00203:KG2-42S7 File Open Error	Please consult your distributor for further information.	
00204	Es00204:KG2-58D9 File Open Error	Please consult your distributor for further information.	
00205	Es00205:KG2-58D9 File Open Error	Please consult your distributor for further information.	
00206	Es00206:KG2-42S7 File Open Error	Please consult your distributor for further information.	
00207	Es00207:KG2-42S9 File Close Error	Please consult your distributor for further information.	
00208	Es00208:KG2-42S8 File Close Error	Please consult your distributor for further information.	
00209	Es00209:KG2-42S7 File Close Error	Please consult your distributor for further information.	
00210	Es00210:KG2-42S7 File Close Error	Please consult your distributor for further information.	
00211	Es00211:KG2-58D9 File Close Error	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00212	Es00212:APPL CPU Handshake Error	APPL or I/O communication has a trouble. --- CAUSE --- Failure in connecting of I/O cables. Error in the APPL board. --- COUNTERMEASURE --- Check the mechanical friction in I/O. Check the cables of earth. Power ON again. Replace APPL-board.	
00213	Es00213:Servo HEX Data Error	Please consult your distributor for further information.	
00214	Es00214:Servo HEX Address Error	Please consult your distributor for further information.	
00215	Es00215:ENB/DIS before D.L.	Please consult your distributor for further information.	
00216	Es00216:KG2-42S7 File Read Error	Please consult your distributor for further information.	
00217	Es00217:KG2-42S9 File Write Error	Please consult your distributor for further information.	
00218	Es00218:KG2-42S8 File Write Error	Please consult your distributor for further information.	
00219	Es00219:KG2-42S7 File Write Error	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00220	Es00220:KG2-58D9 File Write Error	Please consult your distributor for further information.	
00221	Es00221:KG2-42S8 File Read Error	Please consult your distributor for further information.	
00222	Es00222:KG2-42S7 File Read Error	Please consult your distributor for further information.	
00223	Es00223:KG2-42S7 File Read Error	Please consult your distributor for further information.	
00224	Es00224:Servo Card Not Found	--- CAUSE --- There is no Servo Card detected on the motherboard. --- COUNTERMEASURE --- Reset Servo Card. Change to new Servo Card.	
00225	Es00225:KG2-58D9 File Read Error	Please consult your distributor for further information.	
00226	Es00226:KG2-58D9 File Read Error	Please consult your distributor for further information.	
00227	Es00227:BadSRAM /DC srv#1	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00228	Es00228:BadSRAM /DC srv#2	Please consult your distributor for further information.	
00229	Es00229:BadSRAM /AC srv	Please consult your distributor for further information.	
00230	Es00230:Servo Card1 Data Write Error	Please consult your distributor for further information.	
00231	Es00231:Servo Card2 Data Write Error	Please consult your distributor for further information.	
00232	Es00232:Servo Card3 Data Write Error	Please consult your distributor for further information.	
00233	Es00233:Servo Card4 Data Write Error	Please consult your distributor for further information.	
00234	Es00234:Binary File Over 32KB	Please consult your distributor for further information.	
00235	Es00235:Illegal PLC Function	Please consult your distributor for further information.	
00236	Es00236:I/O Already Down Loaded	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00237	Es00237:Servo CPU No Answer	Please consult your distributor for further information.	
00238	Es00238:KM5- 42S8 File Open Error	Please consult your distributor for further information.	
00239	Es00239:KM5- 42S8 File Close Error	Please consult your distributor for further information.	
00240	Es00240:KM5- 42S8 File Write Error	Please consult your distributor for further information.	
00241	Es00241:KM5- 42S8 File Read Error	Please consult your distributor for further information.	
00300	Es00300:	Es00300:	
00301	Es00301:File Read Error	Please consult your distributor for further information.	
00302	Es00302:File Seek Error	Please consult your distributor for further information.	
00303	Es00303:File Open Error	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00304	Es00304:File Write Error	Please consult your distributor for further information.	
00305	Es00305:Softlimit Over	--- CAUSE --- One or more servo axes are out of softlimit. --- COUNTERMEASURE --- Move the axis until error message disappears	
00306	Es00306:Watch Cat Error	Please consult your distributor for further information.	
00307	Es00307:Invalid Target Coordinates	Please consult your distributor for further information.	
00308	Es00308:Interlocked	--- CAUSE --- Interlocked. --- COUNTERMEASURE --- Release interlock of error message.	
00309	Es00309:Maintenance Switch is ON	--- CAUSE --- Current condition is Low speed mode by NJ13 switch. --- COUNTERMEASURE --- Change setting of NJ13 switch.	
00310	Es00310:Vision No Answer	Please consult your distributor for further information.	
00311	Es00311:No Such Video Image	Please consult your distributor for further information.	
00312	Es00312:No Trigger Pulse	Please consult your distributor for further information.	

Es : System Error

No	Title	Message	Detail (Action)
00313	Es00313:Failed to download I/O firmware	<p>Failed to download the I/O board firmware.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please re-start the machine. - When this error occur repeatedly, please record "Error Detail Number" and consult your distributor for further information. <p>Reason:</p> <ul style="list-style-type: none"> - Failed to open the files. - Communication Error. - The hardware is broken. <p>Error Detail Number : _XXXX</p>	
00314	Es00314:I/O firmware version mismatch	<p>Failed to start updateing the I/O board firmware.</p> <p>But the machine is able to start running, because another firmware which has been installed running properly.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - The machine is available. - To solve this problem, please refer to the [Detail] tab. <p>Reason:</p> <ul style="list-style-type: none"> - There is version mismatch between the I/O board firmware and the application software. <p>Error Detail Number : _XXXX</p>	
00315	Es00315:I/O firmware download status error	<p>The status of the I/O board is not correct.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please re-start the machine. - When this error occur repeatedly, please record "Error Detail Number" and consult your distributor for further information. <p>Reason:</p> <ul style="list-style-type: none"> - There is no firmware to download. - The firmware to download is broken. - Communication Error. - The hardware is broken. <p>Error Detail Number : _XXXX</p>	

Es : System Error

No	Title	Message	Detail (Action)
00316	Es00316:Failed to open the files of camera firmware	<p>Failed to start downloading the camera firmware.</p> <p>But the machine is able to start running, because another firmware which has been installed running properly.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - The machine is available. - To solve this problem, please refer to the [Detail] tab. <p>Reason:</p> <ul style="list-style-type: none"> - Failed to open the files of camera firmware. - There is no firmware to download. - The firmware to download is broken. <p>Error Detail Number : _XXXX</p>	
00317	Es00317:Failed to download the camera firmware	<p>Failed to download the camera firmware.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please re-start the machine. - When this error occur repeatedly, please record "Error Detail Number" and consult your distributor for further information. <p>Reason:</p> <ul style="list-style-type: none"> - Communication error. - The hardware (vision board, camera cable, selector or etc.) is broken. <p>Error Detail Number : _XXXX</p>	
00318	Es00318:SYSTEM ERROR	<p>An critical error occurred while switching to the Windows Setting Change mode.</p> <p>Please contact your distributor.</p>	
00319	Es00319:SYSTEM ERROR	<p>An critical error occurred while switching to the Windows Setting Change mode.</p> <p>Please contact your distributor.</p>	
00320	Es00320:SYSTEM ERROR	<p>Failed to switch to the Windows Setting Change mode.</p> <p>Please reboot the machine and try it again.</p>	
00321	Es00321:The servo illegal control error	<p>The Z axis servo illegal control error.</p> <p>Please consult your distributor for further information.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00400	Es00400:C/R BOX FAN STOP	<p>The fan in control box is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	
00401	Es00401:C/R AC POWER NG	<p>AC power at control box is NG.</p> <p>--- CAUSE ---</p> <p>The trip of circuit-protector, or slack of the terminal stand screw.</p> <p>The cable at control box is disconnected or contact-fail.</p> <p>The mother board is defective.</p> <p>The power supply stopped for a moment.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the circuit-protector.</p> <p>Check the cable at control box.</p> <p>Replace mother board.</p>	
00402	Es00402:C/R DC POWER NG	<p>DC power at control box is NG.</p> <p>--- CAUSE ---</p> <p>The slack of the terminal stand screw of the switching power supply.</p> <p>The switching power supply or mother board is defective.</p> <p>The output voltage adjustment of the switching power supply is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check green LED of the switching power supply and the mother board.</p> <p>Check with tester about the output voltage in terminal stand of the switching power supply, and voltage adjustment in volume.</p> <p>Check the terminal stand screw.</p>	
00403	Es00403:C/R TEMP NG	<p>The temperature at control box is too high.</p> <p>--- CAUSE ---</p> <p>The temperature around the machine is rising.</p> <p>The cooling function of the machine is defective.</p> <p>The cooling function of the control box is defective.</p> <p>The mother board is defective.</p> <p>-- COUNTERMEASURE ---</p> <p>Check the air intake or outlet of the machine.</p> <p>Check the air intake or outlet of the control box.</p> <p>Check the terminal stand screw.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00404	Es00404:C/R +5V DC POWER NG	<p>+5V DC power for control box is NG.</p> <p>--- CAUSE ---</p> <p>The slack of the terminal stand screw of the switching power supply.</p> <p>The switching power supply or mother board is defective.</p> <p>The output voltage adjustment of the switching power supply is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check green LED of the switching power supply and the mother board.</p> <p>Check the output voltage from terminal stand of the switching power supply with a tester, and adjust voltage adjustment by the volume.</p> <p>Check the terminal stand screw.</p>	
00405	Es00405:C/R +12V DC POWER NG	<p>+12V DC power for control box is NG.</p> <p>--- CAUSE ---</p> <p>The slack of the terminal stand screw of the switching power supply.</p> <p>The switching power supply or mother board is defective.</p> <p>The output voltage adjustment of the switching power supply is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check green LED of the switching power supply and the mother board.</p> <p>Check the output voltage from terminal stand of the switching power supply with a tester, and adjust voltage adjustment by the volume.</p> <p>Check the terminal stand screw.</p>	
00406	Es00406:C/R +3.3V DC POWER NG	<p>+3.3V DC power for control box is NG.</p> <p>--- CAUSE ---</p> <p>The slack of the terminal stand screw of the switching power supply.</p> <p>The switching power supply or mother board is defective.</p> <p>The output voltage adjustment of the switching power supply is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Check green LED of the switching power supply and the mother board.</p> <p>Check the output voltage from terminal stand of the switching power supply with a tester, and adjust voltage adjustment by the volume.</p> <p>Check the terminal stand screw.</p>	
00407	Es00407:C/R BOX FAN1 STOP	<p>The fan1 in control box is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00408	Es00408:C/R BOX FAN2 STOP	<p>The fan2 in control box is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	
00409	Es00409:C/R TEMP ALARM	<p>The temperature at control box is too high.</p> <p>--- CAUSE ---</p> <p>The temperature around the machine is rising.</p> <p>The cooling function of the machine is defective.</p> <p>The cooling function of the control box is defective.</p> <p>The mother board is defective.</p> <p>-- COUNTERMEASURE ---</p> <p>Check the air intake or outlet of the machine.</p> <p>Check the air intake or outlet of the control box.</p> <p>Check the terminal stand screw.</p>	
00410	Es00410:C/R BOX ALL FAN STOP	<p>All fan in control box is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	
00411	Es00411:C/R BOX FAN1 STOP	<p>The fan1 in control box is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Please turn off the power supply of the machine, and confirm the following.</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	
00412	Es00412:C/R BOX FAN2 STOP	<p>The fan2 in control box is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Please turn off the power supply of the machine, and confirm the following.</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00413	Es00413:SRV FAN STOP	<p>The fan of servo board is NG.</p> <p>--- CAUSE ---</p> <p>The fan is defective.</p> <p>The cable between the fan and the mother board is disconnected or contact-fail.</p> <p>The fan locks by dust etc.</p> <p>--- COUNTERMEASURE ---</p> <p>Please turn off the power supply of the machine, and confirm the following.</p> <p>Check the cable between the fan and the mother board.</p> <p>Cleaning around the fan.</p> <p>Replace the fan.</p>	
00500	Es00500:Servo Command No. Error	<p>A Servo Command number for I/F board is abnormal.</p> <p>--- CAUSE ---</p> <p>-A I/F board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Please release emergency stop, and continue working.</p> <p>Please execute the following measures, when you can not release emergency stop.</p> <p>-Acquisition of system backup.</p> <p>-Power ON again.</p> <p>-Take the I/F board off and clean it up and put it back.</p> <p>-Replace the I/F board.</p> <p>Please exchange I/F-board, when you can not solve it.</p> <p>Please send the manufacturer the system backup.</p>	
00501	Es00501:Y-AXES SAFETY SENSOR ERROR	<p>The safety sensor between the Front Head Unit Y axis and the Rear Head Unit Y axis detects.</p> <p>--- COUNTERMEASURE ---</p> <p>Move the Front Head Unit Y axis or the Rear Head Unit Y axis to the position where these axes don't interfere.</p>	
00502	Es00502:I/O HEAD BOARD 15V POWER NG	<p>The power-supply voltage on the I/O head board is failure.</p> <p>--- CAUSE ---</p> <p>The power supply circuit on the I/O head is failure.</p> <p>--- COUNTERMEASURE ---</p> <p>Release emergency stop, and continue working.</p> <p>Replace the I/O head board.</p>	
00503	Es00503:SERIAL ENCODER COMMUNICATION ERROR	<p>The machine detects the timeout in the response from ENCODER. It seems that there is a cause in either communication line, motor.</p> <p>--- CAUSE ---</p> <p>-Disconnection of the encoder cable.</p> <p>-Breakdown of the motor.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the encoder cable.</p> <p>Exchange the motor.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00504	Es00504:SERIAL ENCODER STATUS ERROR	<p>The machine detects the serial encoder error.</p> <p>--- CAUSE ---</p> <p>-Breakdown of the motor.</p> <p>--- COUNTERMEASURE ---</p> <p>Exchange the motor.</p>	
00505	Es00505:SERIAL ENCODER INITIALIZE ERROR	<p>The machine defects the initialization of encoder.</p> <p>--- CAUSE ---</p> <p>-Disconnection of the encoder cable.</p> <p>-Breakdown of the motor.</p> <p>-Breakdown of the servo unit.</p> <p>--- COUNTERMEASURE ---</p> <p>Check the encoder cable.</p> <p>Release emergency stop.</p> <p>Exchange the motor.</p> <p>Exchange the servo unit.</p>	
00506	Es00506:AXIS NEAR	<p>The axis is in the interference area against the other axis.</p> <p>--- COUNTERMEASURE ---</p> <p>Move the axis to the position where these axes don't interfere.</p>	
00507	Es00507:AXIS CANNOT MOVE.	<p>The machine tried to move axis before search-origin.</p> <p>The axis cannot move before search-origin.</p> <p>--- COUNTERMEASURE ---</p> <p>-Power ON again.</p>	
00509	Es00509:SERVO BOARD UNCONNECTED	<p>A servo board is not connecting to the I/F board.</p> <p>--- CAUSE ---</p> <ul style="list-style-type: none"> - A connector of the servo communication cable has come off. - A servo communication cable is break. - A servo board is defective. - An I/F board is defective. <p>--- COUNTERMEASURE ---</p> <ul style="list-style-type: none"> - Check the connection of the servo communication cable. - Replace the servo communication cable. - Replace the servo board. - Replace the I/F board. 	
00510	Es00510:SEARCH ORIGIN SPEED OVER.	<p>Reference speed for origin search is abnormal.</p> <p>--- COUNTERMEASURE ---</p> <p>Please consult your distributor for further information.</p>	

Es : System Error

No	Title	Message	Detail (Action)
00511	Es00511:SRV PARAM.ERR2	Please consult your distributor for further information. --- CAUSE --- Parameter data file is destroyed. Servo-board is defective. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	
00512	Es00512:SRV PARAM.ERR3	Please consult your distributor for further information. --- CAUSE --- Parameter data file is destroyed. Servo-board is defective. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	
00513	Es00513:SRV PARAM.ERR4	Please consult your distributor for further information. --- CAUSE --- Parameter data file is destroyed. Servo-board is defective. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	
00514	Es00514:SRV PARAM.ERR5	Please consult your distributor for further information. --- CAUSE --- Parameter data file is destroyed. Servo-board is defective. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	
00515	Es00515:SRV PARAM.ERR6	Please consult your distributor for further information. --- CAUSE --- Parameter data file is destroyed. Servo-board is defective. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	
00516	Es00516:SRV PARAM.ERR7	Please consult your distributor for further information. --- CAUSE --- Parameter data file is destroyed. Servo-board is defective. --- COUNTERMEASURE --- Power ON again. Install software again. Replace servo-board.	

Es : System Error

No	Title	Message	Detail (Action)
00517	Es00517:SRV PARAM.ERR8	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Parameter data file is destroyed.</p> <p>Servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Power ON again.</p> <p>Install software again.</p> <p>Replace servo-board.</p>	
00518	Es00518:SRV PARAM.ERR9	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Parameter data file is destroyed.</p> <p>Servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Power ON again.</p> <p>Install software again.</p> <p>Replace servo-board.</p>	
00519	Es00519:SRV PARAM.ERR10	<p>Please consult your distributor for further information.</p> <p>--- CAUSE ---</p> <p>Parameter data file is destroyed.</p> <p>Servo-board is defective.</p> <p>--- COUNTERMEASURE ---</p> <p>Power ON again.</p> <p>Install software again.</p> <p>Replace servo-board.</p>	
00520	Es00520:Servo Emergency Stop	<p>Short interruption was detected, and the servo urgent stopped.</p> <p>Cause:</p> <ul style="list-style-type: none"> - Short interruption has occurred in the 200V power supply. - Failure in the D.POWER board. <p>Coutermeasure:</p> <ul style="list-style-type: none"> - Please push the READY bottun. <p>When this error happens frequently, please check the state of the power supply.</p> <p>When there is no problem in the power supply, please exchange the D.POWER board.</p>	
00521	Es00521:INTERFE RE SAFETY SENSOR ERROR	<p>The interference safety sensor between the relevant axes is detected.</p> <p>--- COUNTERMEASURE ---</p> <p>Move the relevant axis to the position where these axes don't interfere</p>	

Es : System Error

No	Title	Message	Detail (Action)
00522	CONTACTOR ERROR	<p>Has detected a mismatch of the states of the safety relay and the contactor. The contactor may have welded. Because the servo may not be off even when opening the machine cover, the axes can move. Please turn off the main switch now.</p> <p>Cause</p> <ul style="list-style-type: none"> - Welding of the contactor - Poor connection of harness from the safety relay to I/O board - Failure of the I/O board <p>Countermeasure</p> <ul style="list-style-type: none"> - Check the contactor - Check the harness - Check the I/O board 	
00523	SAFETY RELAY ERROR	<p>Has detected a mismatch of the states of the safety relay and the contactor.</p> <p>Cause</p> <ul style="list-style-type: none"> - Failure of the contactor - Poor connection of harness from the contactor to I/O board - Failure of the I/O board - Failure of the safety relay <p>Countermeasure</p> <ul style="list-style-type: none"> - Check the LED of safety relay - Check the contactor - Check the harness - Replacing the I/O board - Exchange of safety relay 	
00999	Es00999: NO SYSTEM ERROR MESSAGE REGISTRATION	<p>Error message for this error is not registered. Please consult your distributor for further information with this error number.</p> <p>Error number : _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
0	NO ERROR MESSAGE REGISTRATION	Error message for this error is not registered. Please consult your distributor for further information with this error number.	
1	CORRECTION DATA ERROR	Only 1 Lead is detected.	The component is standing on end. Adjust the reader head to improve pickup.
2	CORRECTION DATA ERROR	Corrected data is not loaded. Or failed to adjust the rotational angle for FINE mode within limit. The limit is specified as FINE angle in machine data.	The axis positioning capability is inadequate. Check to see if the component is slipping on the nozzle or is otherwise insecurely attached.
3	PARTS DETECTION ERROR	Can't find the parts The first lead edge was not detected. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The component has not been picked up, or the component is too dark to be seen by the camera. Adjust so that the component can be picked up. Use supplementary adjustment to change the recognition parameters.
4	PARTS DETECTION ERROR	Can't find the last lead edge. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The recognition parameter is for a different component or a different component is being recognized. Use supplementary adjustment to re-adjust.
5	LEAD NUMBER ERROR	The number of the detected leads is different from the specified number. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The data is for a different component or the offset value for the detected line is inappropriate. Use supplementary adjustment to correct the component or check the data.
6	LEAD EDGES NUMBER ERROR	The number of the detected lead edges is different from the specified number. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	Recognition is not stable. Change the recognition position or the flash intensity.
7	LEAD DETECTION ERROR	Failed to find the lead top. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The image of the component produced for recognition was not clearly detailed. Use supplementary adjustment to set stable parameters.

Ea : Application Error

No	Title	Message	Detail (Action)
8	LEAD PITCH ERROR	The detected Lead Pitch is out of tolerance Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The feet are bent or the wrong lead pitch has been specified. Correct the contents of the setting and if the feet on the component are bent don't use that component or use supplementary adjustment to correct it.
9	PARTS DATA ERROR	The parts data was not loaded. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	There is a problem with the vision board. Check to see how often the problem occurs and contact the manufacturer if it occurs frequently.
10	PARTS DATA ERROR	Memory for the parts shape data is full. No more recognition parts data can be created. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	Too much data has been created for a complex component. Use less data for irregularly-shaped connectors and other NSEW parts.
11	PARTS DATA ERROR	This parts data already exists Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
12	PARTS DATA ERROR	The parts shape is illegal Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The versions of the vision software and the VIOS software do not match. Contact the manufacturer and check the combination of versions being used.
13	VISION BUSY ERROR	Vision system is performing an image processing. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	Wait until processing has been completed.
14	VISION TIME OUT ERROR	Vision system timeout. Couldn't detect a trigger to start image processing. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	There is a problem with the vision board. Check to see how often the problem occurs and contact the manufacturer if it occurs frequently.

Ea : Application Error

No	Title	Message	Detail (Action)
15	VISION TIME OUT ERROR	Vision system timeout. Couldn't detect a Stnc. signal from the camera. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The servo axis does not move smoothly. Check to see how often the problem occurs and contact the manufacturer if it occurs frequently.
16	DATA ERROR	Can't find the required parts data in disk. There can be a problem in the disk drive. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	There may be a problem with the hard disk. Contact the manufacturer.
17	NOZZLE DETECTION ERROR	Failed to find the nozzle center	There is no object on the screen to be recognized. Pick up a component before initiating recognition.
18	REFERENCE MARK DETECTION ERROR	Failed to detect reference mark edge of moving direction. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The timing of the synchronization has not been adjusted properly or the marker information needs re-adjusting Adjust as necessary.
19	REFERENCE MARK DETECTION ERROR	Failed to detect reference mark position of moving direction Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The timing of the synchronization has not been adjusted properly or the marker information needs re-adjusting. Adjust as necessary.
20	REFERENCE MARK DETECTION ERROR	Failed to detect reference mark position of fixed direction Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The timing of the synchronization has not been adjusted properly or the marker information needs re-adjusting. Adjust as necessary.
21	LEAD WIDTH ERROR	The detected lead width is out of tolerance. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The setting for the lead width is wrong or the recognition parameter is not appropriate. Use supplementary adjustment to re-adjust.

Ea : Application Error

No	Title	Message	Detail (Action)
22	PARTS DATA DOWNLOAD ERROR	Can't update the parts recognition data. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	Too much data has been created for a complex component. Use less data for irregularly-shaped parts in MSEW mode.
23	PARTS DATA UPDATED.	The parts data was updated. (This is not an error)	
24	LEAD SKEW ERROR	Found the parts bending. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	There is overall skewing of the lead. Do not use components with this problem.
25	LEAD LENGTH ERROR	The lead lengths of the parts are uneven. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The component leads are bent. Do not use components with this problem or adjust the setting so that the component lead length is not checked.
26	PARTS SIZE ERROR	Parts size is out of tolerance. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The wrong data has been specified or the recognition is not stable. Use supplementary adjustment to re-confirm.
27	PARTS SIZE ERROR	Parts size is out of tolerance. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The wrong data has been specified or the recognition is not stable. Use supplementary adjustment to re-confirm.
28	PARTS DETECTION ERROR	Couldn't find the parts. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The component has not been picked up or the component is too dark to be seen by the camera. Adjust so that the component can be picked up. Use supplementary adjustment to change the recognition parameters.

Ea : Application Error

No	Title	Message	Detail (Action)
29	PICK UP POSITION ERROR	<p>The picked component is rotated horizontally over the tolerance.</p> <p>There can be a problem with the following points. Please check them.</p> <ul style="list-style-type: none"> - Pickup position - Pickup height - Condition of the supplied parts. <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>--- SOLUTIONS ---</p> <ul style="list-style-type: none"> - Check the pickup position with [Parts] - [Teach] - [Trace]. - Check the pickup height with [Parts] - [Pickup] - [Pickup height]. - Check the condition of the supplied parts with [Parts] - [Teach] - [Trace].
30	PARTS DETECTION ERROR	<p>The center coordinate of the parts is invalid.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>The component recognition is not stable. Use supplementary adjustment to re-adjust.</p>
31	PICK UP ERROR	<p>Failed to pick up or detect the parts. The feeder or the tray can be empty.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>The component cannot be picked up the setting for the vacuum pressure is wrong or the pickup conditions are not stable. Use supplementary adjustment to re-specify the pickup vacuum level or other measures to stabilize the vacuum pressure.</p>
32	RETRY LIMIT OVER	<p>Pick up was retried over the limited number of times.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>Stabilize the component pickup or the recognition parameters.</p>
33	PARTS DETECTION ERROR	<p>Failed to detect the parts.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>The pickup conditions are not stable or the recognition conditions are not stable. Use supplementary adjustment to re-adjust.</p>
34	MOUNT ERROR	<p>Failed to mount the parts.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>The volume of air discharged from the nozzle has not been adjusted properly or the setting for the mounting level is incorrect. Re-adjust the pickup level and check the dispensing air pressure by hand.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
35	DUMP ERROR	Failed to dump the parts. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The dispensing air pressure is too low or the wrong setting has been entered for the mounting vacuum pressure. Adjust the data and re-adjust the dispensing pressure.
36	VACUUM LEVEL ERROR	Vacuum pressure has not reached the specified level. The component might have dropped after recognition. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	Pickup vacuum pressure is not appropriate, or component is not correctly picked up. Component pickup position coordinate is inaccurate or pickup accuracy is poor. Make adjustment so that the component is picked up properly, then readjust the pickup vacuum pressure in Adjust mode.
37	LASER SYSTEM ERROR(code 00/03/ 04/ 05/ 07/ 08/ 09/ 72/ 73/ 74/ etc)	An error occurred in the software and the hardware of Laser Alignment Unit. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The laser recognition unit hardware has broken down or a problem has occurred with the software. Contact the manufacturer.
38	PARTS DETECTION ERROR(code 64/ 75)	The laser sensor could not detect the parts. Please check the laser height. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	There is no component on the nozzle or the setting for the laser recognition height is inappropriate. Use supplementary adjustment to re-adjust the component.
39	DETECTION ERROR (code 65/ 90/ 91/ 92/ 93)	Rotation is too fast for Laser System to recognize the parts. Please slow down the recognition speed. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The scanning speed is too fast. Reduce the speed at which components are being mounted.
40	COMPONENT DETECTION ERROR (code 66)	Minimum width of component cannot be found. The component is round or misaligned on the nozzle. Mount data _XXXX Component data _XXXX Name _XXXX Comment _XXXX Head _XXXX	An attempt has been made to use recognition on components which are not appropriate or the component has not been picked up properly. Do not use laser recognition or use supplementary adjustment to correct the component.

Ea : Application Error

No	Title	Message	Detail (Action)
41	PARTS SIZE ERROR (code 22)	Laser System detected the parts size was out of tolerance. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The molded size of the component is inappropriate or the component has not been picked up correctly. Stabilize the pickup conditions and check the size of the component.
42	PARTS POSITION ERROR(code 23)	Laser System detected the parts position was out of range. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The component used is too big for laser recognition. Try using another method of recognition.
43	RECOGNITION ABORTED(code 67)	Parts recognition was aborted. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The recognition speed is too fast and the component on the nozzle may have moved during recognition. Reduce the mounting speed.
44	LASER WINDOW ERROR(code 68/ 78/ 79/ 80/ 81/ 82)	The parts size is too large for the window. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	An attempt was made to use laser recognition with a component for which it is not possible. Do not use laser recognition.
45	LASER COMMUNICATION ERROR(code 69)	Communication error occurred in Laser system. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	There may be a problem with the hardware. Contact the manufacturer.
46	MEASUREMENT FAILED(code 70/ 76/ 77)	The image of the parts is not clear. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The light-receiving element of the laser is dirty. Clean the light-receiving element of the laser with alcohol.
47	EDGE DETECTION ERROR(code 71)	Laser detection error: Too many edges detected. Component may be incorrectly positioned. Mount data _XXXX Component data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The component used is not appropriate for laser recognition. Do not use laser recognition with this component.

Ea : Application Error

No	Title	Message	Detail (Action)
48	PICK UP ERROR	<p>Failed to pick up the parts because of the vacuum error. The feeder can be empty or clogged.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	
49	NOZZLE CLOGGED ERROR	<p>The following causes are considered.</p> <ol style="list-style-type: none"> 1. The value of [Low level] of current head is too small. 2. There is a component on the nozzle. 3. The nozzle is clogged. <p>Please remove the causes.</p>	Please remove cause which is shown in "Error Message".
50	PICK UP ERROR	<p>Laser system detected parts picked up incorrectly.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	Check the pick up position of component.
51	MARK DETECTION ERROR	Failed to detect fiducial mark.	The surface of the mark is dirty or the data setting is wrong. Clean the surface of the mark with an eraser and cloth or use supplementary adjustment to check the data for the mark.
52	MARK AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance.	The shape of the mark has not been registered correctly or adjustment has not been done properly. Check the data for the mark and use supplementary adjustment to correct it.
53	MARK DETECTION ERROR	A part of the fiducial mark is located out of the specified search area or the fiducial correction angle is too large.	The PCB has not been positioned correctly or a search area has been specified which is too small. Make sure the PCB is securely fastened in place and that the search area is appropriate.
54	MARK SHAPE ERROR	Failed to detect a fiducial mark of the specified shape	The shape has not been specified correctly or the image which has been read is not clear. Check the shape information and clean the surface of the mark.

Ea : Application Error

No	Title	Message	Detail (Action)
55	MARK AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance (Special)	The shape of the mark has not been registered correctly or adjustment has not been done properly. Check the data for the mark and use supplementary adjustment to correct it.
70	BOARD TRANSFER ERROR	Unexpected board is on the conveyor.	Board was carried in from upstream side even though no board request signal was output, or an abnormal board was detected. Readjust the position of conveyor exit sensor on upstream side, or the position of conveyor carry-in sensor or board detection sensor at the entrance stopper of this machine.
71	BOARD TRANSFER ERROR	Can't find the board which was detected before the transfer. The board can be still on the conveyor. Please move the board to the correct position by hand.	
72	CONVEYOR WIDTH ERROR	Can't start auto-running because the conveyor width is not correct. Confirm the safety, and change the conveyor width by clicking the [Unit] - [Width] button, and start auto-running.	Press any key.
73	BOARD TRANSFER ERROR	Board is on the end of the moving conveyor. Take the board to the correct position.	
74	BOARD FIXING ERROR	Board trans-unit, locate pin or push-up unit does not respond to command.	Sensor position adjustment is inappropriate, or speed control is set too low to maintain stable movement. Check the sensors for conveyor unit height to see if they are operating properly.
75	DUMP STATION FULL	Please remove the parts from the dump station by hand, and start auto-running.	The overflow sensor at the dump station has been activated. Remove all of the components discarded at the dump station.
76	PARTS COUNT STOP	Parts counter has reached the specified number. Replace the parts and start auto-running. Parts data _XXXX Name _XXXX Feeder set position _XXXX	Pickup confirmation or another operation is unstable. Check the pickup operation and use supplementary adjustment to check the status of recognition.
77	PARTS COUNT STOP	Parts counter has reached the specified number. Replace the parts and start auto-running. Parts data _XXXX Name _XXXX Tray start No. _XXXX Tray end No. _XXXX	Pickup confirmation or another operation is unstable. Check the pickup operation and use supplementary adjustment to check the status of recognition.

Ea : Application Error

No	Title	Message	Detail (Action)
79	BOARD TRANSFER ERROR	Can't carry out the board to the downstream. The board can be stuck on the end of the fixed conveyor on the exist side.	
80	BOARD TRANSFER ERROR	1. The movable conveyor can't be moved because there is a board on the end of the conveyor. Take the board to the correct position. 2. The sensor is detecting a head. Move the head away from the sensor by hand.	
83	BOARD TRANSFER ERROR	The entrance sensor detected the next board while the convey-out stop function was activated. Please remove the board from the entrance, and start auto-running.	
84	BOARD TRANSFER ERROR	The entrance sensor detected an extra board, although all of the planned boards had already been carried in the machine. Remove the board from the entrance, and start auto-running.	
85	BOARD TRANSFER ERROR	Extra board was carried on the conveyor. Can't start mounting for over the planned number of boards. Please remove the board from the entrance.	
87	NO PARTS FOR USE	All parts in the alternative loop are no longer available. Possible Causes: - A pick up or recognition error occurred. - Parts counter reached the specified number. Replace the parts or check the feeder, and start auto-running. Parts data _XXXX Feeder set position _XXXX	
88	NO PARTS FOR USE	The feeder/ tray is empty or not available. - Replace the parts. - Check the switch of the quick-changer and the door of the tray units. - Check the feeder set condition if you change the feeder. Mount data _XXXX Parts data _XXXX Name _XXXX Feeder set position _XXXX	
89	NO PARTS FOR USE	Some parts are not available. Possible Causes: - A pick up or recognition error occurred. - Parts counter reached the specified number. - The front or rear feeder bar is not set. Remove these causes and start auto-running.	
90	VISION DATA ERROR	Recognition with the vision system was aborted. Possible Causes: - Nozzles on the both ends picked up too big parts. Stop auto-running and modify the board data.	

Ea : Application Error

No	Title	Message	Detail (Action)
91	CO-PLANARITY CHECK LEAD DETECT ERROR	<p>A reflector was detected at the start position of scanning. [Body Size] in parts data can be incorrect.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>The size definition of the component is wrong. Some obstacle so as bumper is at the corner position and had been detected. Because some shape information so as number of leads is not correct and the camera recognition had reported wrong component position on the pipet. Correct size info. If the component is in the specification adjust the Co-Pl level in component info. Correct the shape data.</p>
92	CO-PLANARITY CHECK LEAD DETECT ERROR	<p>Failed to detect the end of edge on the last lead. [Body Size] in parts data can be incorrect.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>The size definition of the component is wrong. Some obstacle so as bumper is at the corner position and had been detected. Because some shape information so as number of leads is not correct and the camera recognition had reported wrong component position on the pipet. Correct size info. If the component is in the specification adjust the Co-Pl level in component info. Correct the shape data.</p>
93	CO-PLANARITY CHECK LEAD NUMBER ERROR	<p>Failed to detect the specified number of leads.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>Shape data in the component info. so as size pitch number of leads is wrong. Some lead is off. Some lead could not detected by the laser scanning. Correct the data in the SHAPE page. Dispose or repair the component. First adjust the Co-Pl level in component info. If the adjusting did not solve the problem the lower surface of the component is too dirty enough to be disposed or repaired.</p>
94	CO-PLANARITY CHECK LEAD DETECT ERROR	<p>Length difference is too large between the leads next to each other.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>Some leads are damaged. Dispose component or repair the component or use bigger value as Co-Pl threshold.</p>
95	CO-PLANARITY CHECK LEAD ERROR	<p>Co-planarity level is out of the threshold.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	<p>A lead is damaged. Or the average height of all leads in A side is out of the tolerance in Co-Pl threshold compare to the averaged surface of all leads of the component. Dispose component or repair the component or use bigger value as Co-Pl threshold.</p>
96	NO VISION RESULT ERROR	<p>Failed to output a recognition result with the vision system.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
97	NOZZLE RECOGNITION ERROR	<p>Nozzle might have been misrecognized as a component.</p> <p>Causes:</p> <ul style="list-style-type: none"> - Nozzle is unclean. - Component electrode brightness is too low to be identified as a component. <p>Solutions:</p> <ul style="list-style-type: none"> - Check the nozzle and clean it. - Adjust the [Comp. Intensity] parameter in parts data. <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	Component electrode brightness did not reach the brightness ("Comp. Intensity" parameter setting) that can be identified as a component. A nozzle might have been misrecognized as a component. Check the nozzle that caused the error and clean it. Adjust the "Comp. Intensity" parameter in parts data.
99	VISION SYSTEM TIMEOUT ERROR	<p>Timeout waiting for a recognition result.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	
100	EMERGENCY STOP FUNCTION IS ACTIVE.	<p>Make sure that conditions are safe, and press the [READY] button. When the [EMERGENCY STOP] button is released, the signal tower stops lighting in red.</p> <p>Please check below before releasing EMERGENCY STOP.</p> <ul style="list-style-type: none"> - The [EMERGENCY STOP] button. - Covers of the machine / tray changer. - Area sensors of the machine / FES, etc. 	An emergency stop has occurred because of trouble with the machine or because the Emergency Stop button was pressed. Check safety factors and press the Ready button.
101	Press the [EMERGENCY STOP] button on.	Please make sure to activate EMERGENCY STOP before shut down.	
102	RETURN-TO-ORIGIN has not been performed	Perform return-to-origin from the setup screen.	A return to the origin position was not carried out after the power supply was turned on. Use the command window to specify an origin position return.
103	Ready to turn the power off.	<p>Tap any key to close this message, and the machine becomes in a sleep mode.</p> <p>If you turn the power off without this message displayed, unsaved data will be lost.</p>	
109	EMERGENCY STOP FUNCTION DURING MOUNT	<p>EMERGENCY STOP was activated during a mounting action. This may cause the placement to be unstable.</p> <p>Table _XXXX Head _XXXX Block No. _XXXX Mount No. _XXXX Pattern Name _XXXX</p> <p>Please confirm the component is placed correctly by using "Trace" after the mounting action is finished.</p>	Emergency stop was triggered during component placement. Use "trace" to check whether the component is placed at the specified point.

Ea : Application Error

No	Title	Message	Detail (Action)
111	BOARD READ ERROR	Can't read the board data without resetting. Press the [RESET] button on the operation panel.	To avoid a reset press the ESC key.
114	COMMAND ERROR	This command is not (yet) available.	A command was issued which cannot be used. Do not use this command.
118	Return-to-origin required.	Release the [EMERGENCY STOP] button, and press the [READY] button.	An attempt was made to execute a return to the origin position during an emergency stop. Cancel the emergency stop and then select the return to origin position command again.
119	This command is not available	Stop auto-running first.	A command was selected which cannot be executed during automatic operation. Stop the machine before executing the command.
131	BOARD DATA ERROR	No parts data can be used for this mount data. Mount data _XXXX	The component data for the component being used is not the PCB data. Create the component data specified by the mounting data.
133	BOARD DATA ERROR	Head number invalid. Mount data _XXXX Head number _XXXX	A head number has been specified which is not correct. Change the head number to the correct one.
134	BOARD DATA ERROR	Board Badmark can't be used alone. Board Badmark is a function to detect badmarks, such as block badmarks and local badmarks on board. Please activate the other badmark functions.	
135	BOARD DATA ERROR	No mark data available for the mount point fiducial. Mount Data _XXXX Fiducial data _XXXX	No mark data exists. Create the specified mark data.
136	BOARD DATA ERROR	No mark data available for the board fiducial, or the mark data is not for a fiducial. Mark data _XXXX	No mark data exists. Create the mark data.
137	BOARD DATA ERROR	There is no mark data for the block fiducial, or the mark data can't be used for fiducials. Mark data _XXXX	The specified mark data does not exist. Create the specified mark data.

Ea : Application Error

No	Title	Message	Detail (Action)
138	BOARD DATA ERROR	There is no mark data for the board badmark or block badmark. Or the mark data can't be used for badmarks. Mark data _XXXX	The specified mark data does not exist. Create the specified mark data.
139	BOARD DATA ERROR	Feeder set number or feeder type is not correct. Mount data _XXXX Parts data _XXXX Name _XXXX	A feeder has been set in a position which interferes with the adjacent feeder or the feeder setting is erroneous. Check the feeder setting number or the type of feeder and change it to the correct one.
141	BOARD DATA ERROR	Mount position is out of the moving area. Mount data _XXXX Parts data _XXXX Name _XXXX Feeder Set Pos. _XXXX Head No. _XXXX Axes _XXXX	An incorrect value has been entered for the mounting position or an attempt was made to mount components with a head that does not reach far enough. Check the mounting position data. Use a head which extends far enough to reach the mounting position.
142	BOARD DATA ERROR	Fiducial position is out of the moving area. Mount data _XXXX Fiducial data _XXXX Axes _XXXX	There is something wrong with the data that has been entered for the fiducial mark coordinates. Correct the fiducial mark coordinates.
143	BOARD DATA ERROR	Board fiducial position is out of the moving area. Axes _XXXX	An incorrect value has been entered for the fiducial mark coordinates. Check the fiducial mark coordinate data.
144	BOARD DATA ERROR	Block fiducial position is out of the moving area. Axes _XXXX	An incorrect value has been entered for the block fiducial mark coordinates or for the block repeat values. Check the data for the block fiducial coordinates and the block repeat coordinates.
145	BOARD DATA ERROR	Badmark position is out of the moving area. Axes _XXXX	An incorrect value has been entered for the bad mark coordinates Check the bad mark coordinate position.
146	BOARD DATA ERROR	Pick up position is out of the moving area. Mount data _XXXX Parts data _XXXX Name _XXXX Feeder Set Pos. _XXXX Head No. _XXXX Axes _XXXX	A head number has been selected which cannot be used for picking up components or the teaching function has been selected and an incorrect value has been entered for the coordinates. Check to make sure the head number can be used for pickup and if the teaching function is being used check the coordinates.

Ea : Application Error

No	Title	Message	Detail (Action)
150	BOARD DATA ERROR	<p>Illegal parts shape data or parts data is not defined. Parts data _XXXX Name _XXXX 1. "FIXED COMP. MATCH" may not be executed. 2. "Alignment Type" may not specified.</p> <p>--- SOLUTIONS --- 1. Execute "FIXED COMP. MATCH" in "DATA_GENERATOR". 2. Set "Alignment Type" in parts data. At executing "AUTO DISTRIBUTION", confirm that Optimization works for each machine.</p>	<p>The component shape information has not been specified correctly or the component data has not been defined. Go back to the editing screen and see if the component data has been are correct. If using FixCmpRef." execute "FIXED COMP.MATCH". If executing "AUTO DISTRIBUTION" the number of component is different. Execute the optimization of each machine.</p>
151	CHECK THE NOZZLE TYPE	<p>Please make sure that the correct nozzles are set on the head.</p>	<p>The wrong combination of nozzles was used when the setup was changed. Attach the correct nozzles following the instructions on the display.</p>
153	BOARD DATA ERROR	<p>Setting of the alignment module is not correct. One of the followings could cause this error: - Alignment module setting is wrong. - Alignment type is not specified. - Parts size is too big for the recognition camera. - Pick action is set to FINE, though no single camera exists. - No camera exists. Parts data _XXXX Name _XXXX</p>	
154	BOARD DATA ERROR	<p>The nozzle specified in the mount data is already assigned to the other parts type. This nozzle can't pick the parts below.</p> <p>Mount data _XXXXX Parts data _XXXX Name _XXXX</p>	<p>An attempt was made to use the same head to pick up components which require different nozzles. Go back to the editing screen and change the head number.</p>
155	PLEASE CHECK FOR ANY ILLEGAL RUNNING CONDITION	<p>For only surface mounter Vacuum Check Should be [Check]. Alignment Should be [UseAlign].</p> <p>If all are OK, please continue.</p>	
157	BOARD DATA ERROR	<p>The head specified in the mount data cannot align the parts. Mount data _XXXXX Parts data _XXXXX Name _XXXX</p>	<p>The wrong head number has been specified or the wrong recognition unit has been specified. Go back to the editing screen and correct the recognition unit or the head number.</p>
158	PARTS DATA ERROR	<p>Pos. Definition must be "Teaching" for tray feeder parts. Parts data _XXXXX Name _XXXX</p>	<p>The pickup position coordinates have been specified automatically. Go back to the editing screen and use teaching to change the pickup position coordinates. Also use teaching to correct the pickup coordinates.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
160	BOARD DATA ERROR	No nozzle can pick the parts specified in the mount data. Mount data _XXXX Parts data _XXXX Name _XXXX	There is a problem with the specification of the pickup nozzle in the component data. Go back to the editing screen and edit the component data.
162	BOARD DATA ERROR	The setting of [Comp.Amount] or [TrayAmount] in the parts data is invalid. Please input the parts amount in the tray information to use "Alternate parts" or "Count Out Stop" . Mount data _XXXX Parts data _XXXX Name _XXXX	
163	BOARD DATA ERROR	Invalid pallet start number and last number are set in parts data. Mount data _XXXX Parts data _XXXX Name _XXXX	
164	PCB DATA ERROR	Pick up position of the following tray parts is out of the moving area. Parts data _XXXX Name _XXXX Tray X=_XXXX Y=_XXXX Parts X=_XXXX Y=_XXXX Axes _XXXX Confirm that the axis is able to move above these positions.	
165	BOARD DATA ERROR	Too many local fiducial marks and local badmarks.	The number of local fiducial is too large. Go back to the editing screen and reduce the number of local fiducial being used.
166	BOARD DATA ERROR	This machine is not equipped with Dump Station and Recovery Pallet. Parts data _XXXX Name _XXXX	Same as above. Go back to the editing screen and change the dump method specified in the component data.
168	BOARD DATA ERROR	Any of the following badmark functions can't be used with the "Preceding Picking" function. - Board Badmark - Block Badmark - Local Badmark	The bad mark and preceding picking functions cannot be used in combination. Go back to the editing screen and cancel either the preceding pickup function or the bad mark function.
171	BOARD DATA ERROR	Required nozzle for the alternative parts is different from the original parts. Mount data _XXXX Parts data _XXXX Name _XXXX	Different nozzles have been specified for the original components and the alternative components. Go back to the editing screen and check the nozzle setting in the component data.
174	BOARD DATA ERROR	For parts looping in W-ATS, only one alternative parts can be set on each ATS. Parts data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
183	BOARD DATA ERROR	The number of block repeat data is over the limitation. Maximum quantity is _XXXX .	The specified number of block repeats exceeds the maximum limit of 512. Specify a number of block repeats that is 512 or less.
186	BOARD DATA ERROR	Local badmark position for mount data is outside moving area. Mount data _XXXX Local Badmark data _XXXX Axes _XXXX	Please input correct position of Local Badmark.
187	BOARD DATA ERROR	No mark data available for the local badmark, or the mark data is not for badmark. Mount Data _XXXX Mark data _XXXX	No mark data exists. Create the mark data.
188	BOARD DATA ERROR	No local badmark data for the mount point. Mount Data _XXXX Local Badmark Data _XXXX	
189	BOARD DATA ERROR	The pick up position is out of the soft landing area. Mount data _XXXX Parts data _XXXX Name _XXXX Feeder Set Pos. _XXXX Head No. _XXXX Axes _XXXX	Check the settings for pickup heights.
190	BOARD DATA ERROR	The mouting position is out of the soft landing area. Mount data _XXXX Parts data _XXXX Name _XXXX Feeder Set Pos. _XXXX Head No. _XXXX Axes _XXXX	When the QFP mounting method is being used the setting for the mounting position height is outside of the soft limit. Check the setting for the mounting position height.
191	BOARD DATA ERROR	There is no nozzle can be attached to the head. AxisTable _XXXX Head _XXXX The number of available nozzles may not be enough.	
192	CONFIRM NOZZLE TYPE	Confirm that the required nozzles are surely set on the head.	
194	BOARD DATA ERROR	The parts will collide with the other nozzles. Mount data _XXXX Parts data _XXXX Name _XXXX Head _XXXX	Because the component is large it is interfering with the nozzle next to it. Create the appropriate data and try again.

Ea : Application Error

No	Title	Message	Detail (Action)
195	BOARD DATA ERROR	Board width is over the moving area. Axes _XXXX	An attempt was made to use a PCB which is not within the specifications or there is something wrong with the PCB width setting. Check the PCB width setting.
196	BOARD DATA ERROR	The feeder set number is not correct. This feeder is not allowed in the feeder plate specification. Mount data _XXXX Parts data _XXXX Name _XXXX	
198	BOARD DATA ERROR	Local badmark is set to "Note" in the mount data. Local badmarks with "Note" will be ignored during auto-running. If you want to use the local badmark function, select "Exec". If not, input "0" for the [Bad] column on mounting data. Mount Data _XXXX Local Badmark Data _XXXX	If you want to use local badmark function. Set "skip?" parameter "Exec". If you don't want to use set "0" in mount data.
200	NOZZLE CHANGE ERROR	Failed to pick up a nozzle. Please check the sensor of the nozzle station, and adjust the height, angle and position data of the nozzle station. Head No. _XXXX Station No. _XXXX	Nozzle station sensor is defective, or the height, angle or XY coordinate setting in nozzle station information is not properly adjusted. Adjust the sensor. Readjust the nozzle position/angle/height settings in nozzle station information.
201	NOZZLE CHANGE ERROR	Failed to store the nozzle. Please check the sensor on the nozzle station, and adjust the height, angle and position data of the nozzle station. Head No. _XXXX Station No. _XXXX	Nozzle station sensor is defective, or the height, angle or XY coordinate setting in nozzle station information is not properly adjusted, so that the nozzle cannot be stored. Check nozzle sensor operation, and/or readjust the height, angle or XY coordinate setting in nozzle station information.
203	NOZZLE STATION ERROR	One or more nozzle(s) are not present on the nozzle station. Please check the sensors on the nozzle station and insert the appropriate nozzle(s). Head No. _XXXX	Nozzle station sensor is defective, or one or more nozzles were removed from the nozzle station. Store the correct nozzles in the nozzle station, or check the nozzle station sensor operation.
204	NOZZLE STATION ERROR	Can't find the nozzle to be used for the next sequence. Please check the nozzle station data. Head No. _XXXX Station No. _XXXX	Nozzles to be used are not specified in nozzle station information. Check the settings in nozzle station information.

Ea : Application Error

No	Title	Message	Detail (Action)
205	NOZZLE STATION ERROR	There is more than one nozzle for the next sequence. Please check sensors on the nozzle station and insert the appropriate nozzle(s). Head No. _XXXX Station No. _XXXX	Two nozzles of the same type are specified in nozzle station information. Check nozzle station information.
208	VISION IMAGE GAP ERROR	The image was out of alignment due to a vision sysem trouble. Please contact the manufacturer.	
209	3D COPLANARITY ERROR	Coplanarity error during 3D recognition. Mount data _XXXX Component data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
210	3D RECOGNITION ERROR	Couldn't detect the parts shape correctly during the 3D recognition. Please check the parts data. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
211	3D HEIGHT RECOGNITION ERROR	Couldn't detect the lead height or the ball height correctly during the 3D recognition. Please check the parts. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
212	3D LEAD BEND ERROR	Lead bending or unclean was detected during the 3D recognition. Please check the parts. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
214	3D RECOGNITION PLANE HEIGHT ERROR	The height of the recognition surface was over that of [3D Height Check] set in parts data. This may have caused a pickup failure. Please check the nozzle and parts. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
215	PICK UP POSITION OVER ERROR	Nozzle picked parts at off-center position, out of tolerance. This may cause an collision of the parts and the next nozzle. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
217	FLYING NOZZLE CLUTCH ERROR	Flying nozzle clutch sensor is ON. Please check the clutch or sensor status. This may cause a skip of the R-axis belt.	
218	FLYING NOZZLE UP SENSOR TIMEOUT ERROR	Flying nozzle can't be replaced because it is not detected by the flying nozzle up sensor. Check the sensor and remove the causes. Machine SensorNo. AirHead Four Tables(Atable): N00404 AirHead Four Tables(Btable): N08204 AirHead Four Tables(Ctable): N08384 AirHead Four Tables(Dtable): N00584	
219	BACKLIGHT POSITION ERROR	Please move the backlight to right position using CHANGE BACKLIGHT command.	
221	NOZZLE CHANGE ERROR	Nozzles can't be changed while picking parts.	
222	OPERATION ERROR	Please make sure that - all of the unused nozzles are at the station. - all of the nozzles at the station are detected by the sensor. - press the [EMERGENCY STOP] button, and confirm that heads, nozzles and stations are under the safe condition. - the head is not down (head down sensor) - no board on the abnormal position on the conveyor. If operation can't be started through the procedure, please make a safe condition by hand.	
223	NOZZLE STATION CLAMPING ERROR	Unable to clamp nozzles in the nozzle station. Correct the condition of the nozzle station.	
224	FLYING NOZZLE POSITION ERROR	Failed to find the flying nozzle position. Please check nozzle, sensor, and wait position of R axis. Head No. _XXXX	
225	FLYING NOZZLE ERROR	Can't find the selected nozzle. Please check the flying nozzle data. Head No. _XXXX Nozzle Type No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
226	FLYING NOZZLE CHANGE ERROR	<p>The following causes are considered.</p> <ol style="list-style-type: none"> 1. Couldn't clamp flying nozzles. (FullAirMachine) Check the waiting position of R-axis. 2. Couldn't detect a nozzle. (FullServoMachine) Check the initial position of N-axis. 3. N-axis rotated while R-axis was rotating. (FullServoMachine) Check the condition of the FNC lock pin. <p>Head No. _XXXX</p>	
227	FLYING NOZZLE EXCHANGE ERROR	<p>Unable to exchange flying nozzles. Please check vacuum level of lock pin. Head No. _XXXX</p>	
228	FLYING NOZZLE EXCHANGE ERROR	<p>Unable to exchange flying nozzles. Please check vacuum level of lock pin for all heads.</p>	
229	FLYING NOZZLE EXCHANGE SENSOR TIMEOUT ERROR	<p>Nozzles can't be changed because the Nozzle Down Limit sensor is OFF. Check the sensor and remove the cause.</p> <p>Machine SensorNo. AirHead Four Tables(Atable): N00405 AirHead Four Tables(Btable): N08205 AirHead Four Tables(Ctable): N08385 AirHead Four Tables(Dtable): N00585</p>	
230	4-Point Fiducial Data Error	<p>Fiducial No. _XXXX _XXXX [Type] is not correct. Please set as follows. No. _XXXX --> [4Local-M] No. _XXXX --> [4Local-S]</p>	
232	4-Point Fiducial Data Error	<p>Fiducial No. _XXXX _XXXX Distance between points is too short. Please set this distance more than 5(mm). Please set coordinates for 4-point again.</p>	
233	4-Point Fiducial Data Error	<p>Fiducial No. _XXXX _XXXX In a quadrangle composed of 4-point fiducials, distance between one point and one side of quadrilateral is less than 5(mm). Please set coordinates of 4-point again.</p>	Please set 4 point fiducial data like shown in "Error Message".
234	4-Point Fiducial Data Error	<p>Fiducial No. _XXXX _XXXX In a quadrangle composed of 4-point fiducial, there is an interior angle which is over 180 degrees. Please set coordinates of 4-point again.</p>	Please set 4 point fiducial data like shown in "Error Message".

Ea : Application Error

No	Title	Message	Detail (Action)
235	4-Point Fiducial Data Error	Mount Data No. _XXXX Fiducial No. _XXXX It is impossible to use this Fiducial number selected in the Mount Data, because this data is [4Local-S]. Please use [4Local-M] Fiducial for 4-point fiducial.	
236	4-Point Fiducial Data Error	Fiducial No. _XXXX It is impossible to use this fiducial data, because this data is [Note]. Please change from [Note] to [Exec].	
237	BOARD DATA ERROR	Mount data No. _XXXX Fiducial data No. _XXXX It is impossible to use this fiducial data, because this data is [Note]. Please change from [Note] to [Exec].	Please set 4 point fiducial data like shown in "Error Message".
238	4-Point Fiducial Data Error	Mount data No. _XXXX Fiducial data No. _XXXX _XXXX Coordinate of mount point is out of range for 4-point-fiducial. Please do not use this 4-point fiducial for this mount point.	Please set 4 point fiducial data like shown in "Error Message".
239	BLOCK COUNT WARNING	The number of blocks set in board data is different from that of local badmarks. Can't count blocks on the production history. To count blocks, set the block number in board data, matching with the total number of local badmarks.	Set same number of block in PCB Information as total local badmark number.
240	BOARD DATA ERROR	No mark data available for the local fiducial, or the mark data is not for fiducial. Mount Data _XXXX Mark data _XXXX	No mark data exists. Create the mark data.
243	WARNING: Production	The following conditions. - Board data : [Mount] is set to "Skip" - Board data : [Dot Dispense] is set to "Skip". - Mount data : There is no valid mount data. - Dot Disp. data : There is no valid dispense data. - Block Offset data : There is no valid block data. When this message is displayed, the board may pass this machine.	
247	BOARD DATA ERROR	Parts, with "Fine Type" set as its mount action, is selected. However, the selected head can't be set with "Fine Mode" Mount data _XXXX Head number _XXXX Select the other parts without "Fine Type".	"Fine" mode is not available for the selected Head. Please carry out from one of following actions. ● Change head num Fine mode Possible. ● Change component not Fine type. ● Change component data other type ● Change "Fine Mode" "Possible".

Ea : Application Error

No	Title	Message	Detail (Action)
248	PARTS DATA ERROR	Feeder type of this parts is not specified. Specify the feeder type data in parts data. Mount Data _XXXX Parts data _XXXX Name _XXXX	Parts information feeder type seems "Not Defined" or wrong. Select correct feeder type or package type.
249	COMPONENT DATA ERROR	Pos. Definition must be "Teaching" or "Relative" for Multi-Stick feeder component. Input Feeder Pos_X,Y: In case "Teaching", from the datum of machine origin. In case "Relative", from the datum of 8mm tape feeder pickup position. Component data _XXXX Name _XXXX	Stick feeder must set its feeder set position to "Teaching" or "Relative". Set correct setting for Feeder position (Teaching or Relative). And input Feeder Pos_X Y parameter. In case of "Teaching", input from the datum of machine origin. In case of "Relative", input XY offset from auto pickup position.
254	SPECIAL LIGHT UPPER SENSOR ERROR	The sensor of special light at the upper end of the unit does not detect correctly. The unit does not go up or the sensor does not work correctly. Remove the cause of problem.	
255	SPECIAL LIGHT LOWER SENSOR ERROR	The sensor of special light at the lower end of the unit does not detect correctly. The unit does not go down or the sensor does not work correctly. Remove the cause of problem.	
256	Base-MACS Mark Detection Error	Failed to detect a BASE-MACS mark. Check the condition of the BASE-MACS marker, and clean it. If you don't want to use BASE-MACS, set [Machine Data] - [Machine Information] - [Installation Setting] - [Base MACS] to "Not Use". Marker No _XXXX	
257	Extraordinary Base-MACS Correction	The BASE-MACS correction is anomalous. Check the condition of the Base-MACS marker, and clean it. If you don't want to use BASE-MACS, set [Machine Data] - [Machine Information] - [Installation Setting] - [Base MACS] to "Not Use".	
258	BASE-MACS FINE CORRECTION ERROR	Failed to adjust the XY position within the limit in the FINE mode. 1. Check the condition of the BASE-MACS marker, and clean it. 2. Check the limited value in machine data. [Machine Data] - [Mechanical] - [Position] - [Mark FINE mode] If you don't want to use BASE-MACS, set [Machine Data] - [Machine Information] - [Installation Setting] - [Base MACS] to "Not Use".	

Ea : Application Error

No	Title	Message	Detail (Action)
260	DUMP STATION DATA ERROR	The feeder number used for dump station is not defined. It must not be 0. Please correct it.	Feeder number for dump station must match set position. Please set correct number again.
261	DUMP STATION DATA ERROR	The feeder number for the dump station is not correct. Check the board data and correct the setting of the table to use the dump station.	There is no dump station on the table which feeder for a component is attached. If no dump station please abort to use. Please change feeder location on same table to dump station. Please set more than 1 in feeder number for dump station.
262	DUMP STATION DATA ERROR	Some heads can't reach the dump station. Correct the X,Y coordinates of the dump station.	
263	PARTS DUMP ERROR	Failed to dump the parts. Please check the conditions of the nozzle and the blow valve. Head No. _XXXX	
265	CONVEYOR ERROR	1. The conveyor width can not change, because there is a board on the conveyor. Try to remove it. 2. A head may be at a location where a board sensor can detect it. Please move the head manually to a location away from board sensors.	
267	FIDUCIAL FINE CORRECTION ERROR	Failed to adjust the XY position in FINE mode. Cause and Solution: The correction range is too narrow. Please widen the correction range for FINE mode in machine data.	Correction range is too narrow. Widen the correction range.
269	CONVEYOR ERROR	1. The conveyor width can not change, because there is a board on the conveyor. Try to remove it. 2. A head may be at a location where a board sensor can detect it. Please move the head manually to a location away from board sensors.	
270	BOARD DATA ERROR	There is no head to perform dot dispensing. Check the head type and nozzle type on the [Head Offset] screen. Dot Dispense data _XXXX	The head does not exist or the head number is not dispense head. Please input right head number.

Ea : Application Error

No	Title	Message	Detail (Action)
271	BOARD DATA ERROR	Dot dispensing position is outside moving area. Dot Dispense data _XXXX Axes _XXXX	The position is out of software limit. Please set right X Y position or set right head number.
273	BOARD DATA ERROR	Local badmark position of dot dispense data is outside of moving area. Dot Dispense data _XXXX Local Badmark data _XXXX Axes _XXXX	Local badmark position is out of software limit. Please input right local badmark position.
274	BOARD DATA ERROR	There is no local badmark data for the dot dispense point. Dot Dispense Data _XXXX Local Badmark Data _XXXX	Local badmark data have not defined in local badmark information yet. Please define local badmark data if you use this function.
275	BOARD DATA ERROR	There is no local badmark data available for the dot dispense data. Dot Dispense Data _XXXX Local Badmark data _XXXX Mark data _XXXX	The mark data of Local badmark data for dot dispense have not defined. Please define mark data in mark information for local badmark of dot dispense data.
276	BOARD DATA ERROR	No local badmark data is set to "Note" for executable dot dispense data. During production, "Note" data is ignored. If you want to use local badmark function, set this "Exec". If not, set "0" for BadMk in dot dispensing data. Dot Dispense Data _XXXX Local Badmark Data _XXXX	Local badmark that is "Note" is ignored during in running condition. Please input "Exec" data of local badmark for dot dispense data.
277	4-Point Fiducial Data Error	Dot Dispense Data No. _XXXX Fiducial Data No. _XXXX It is impossible to use this Fiducial number which is selected in the Dot Dispense Data, because this data is [4Local-S]. Please use [4Local-M] Fiducial for 4-point fiducial.	"4Local-S" data is not for set in fiducial number of dot dispense data. Please set "4Local-M" number.
278	BOARD DATA ERROR	Dot Dispense Data No. _XXXX Fiducial data No. _XXXX It is impossible to use this fiducial data, because this data is [Note]. Please change from [Note] to [Exec].	"Note" data is ignored in running. Set "Exec" from "Note".
280	BOARD DATA ERROR	No mark data available for the dot dispense local fiducial. Dot Dispense data _XXXX Fiducial data _XXXX	Undefined mark number is selected. Please make mark data of fiducial of dot dispense or if you have already prepared mark data set that mark number.

Ea : Application Error

No	Title	Message	Detail (Action)
282	BOARD DATA ERROR	Pre-dispensing position is outside moving area. Pre Dispense data _XXXX Axes _XXXX	The position is out of software limit. Please set right X Y position or set right head number.
283	BOARD DATA ERROR	There is no dispense head for pre-dispensing. Pre Dispense data _XXXX Head number _XXXX	The head does not exist or the head number is not dispense head. Please input right head number.
284	BOARD DATA ERROR	It is impossible to use "Point Fiducial" for Dispense. Please check the dot dispense data or fiducial mark data. Dot Dispense data _XXXX Fiducial data _XXXX	Please don't use "Point Fiducial" for Dispense.
285	BOARD DATA ERROR	The specified fluid volume is not allowed with the selected head. Correct the pre-dispense data. The max volume is 999 due to the unit rate. Pre Dispense data _XXXX Head number _XXXX Unit _XXXX	Non adequate dispensing unit was defined. Please set head number " 0" to select head automatically or input adequate value for dispensing unit that is defined in NOZZLE-SPEC Information.
286	BOARD DATA ERROR	The specified fluid volume is not allowed with the selected head. Correct the pre-dispense data. Dot Dispense data _XXXX Head number _XXXX Unit _XXXX	Non adequate dispensing unit was defined. Please set head number " 0" to select head automatically or input adequate value for dispensing unit that is defined in NOZZLE-SPEC Information.
288	DOT STATION MAX MATRIX NUMBER ERROR	Number of max matrixes must be one or more. Please correct the number.	Please set max matrix number to more than 1. Please check the max matrix number.
289	DOT STATION DATA ERROR	Some dispense heads can't reach the dot station. Please check the X,Y coordinates of the dot station. Head number _XXXX Axis _XXXX	All heads can not be able to reach to dot station. Please check the dot station position X Y.
291	PARTS DATA ERROR	Can't perform [Dump Way], when alternative tray parts are used. Parts No.(with alternative parts) _XXXX Name _XXXX Parts No.(with "Sp.Dump Back") _XXXX Name _XXXX	
293	PARTS DATA ERROR	[BGA ball data] file does not exist in the parts data. Parts Name _XXXX Please make a [BGA ball data] file.	

Ea : Application Error

No	Title	Message	Detail (Action)
295	DATA LOAD ERROR	Failed to load a [BGA ball data] file. Parts data _XXXX Name _XXXX Check the [BGA ball data] file with the Draw Shape button on the Adjust window.	
296	BOARD DATA ERROR	Setting of [Alignment Type] is [Undefined]. Please set [Alignment Type]. Component data _XXXX Name _XXXX	
297	BOARD DATA ERROR	Ext.TC or AutoTC is not available on this machine. Mount data _XXXX Component data _XXXX Name _XXXX	
298	BOARD DATA ERROR	There is no dispense sequence for dot dispensing. Check the head and unit in 2-1-[Dot Disp. Info]. Dot Dispense data _XXXX	
299	BOARD DATA ERROR	There is no dispense sequence for pre dispensing. Check the head and unit in 2-1-[Pre Disp. Info]. Pre Dispense data _XXXX	
300	Tray unit error	The component is not placed correctly on the traverser station. If the component is on the station, please remove it. Mount data _XXXX Component data _XXXX Name _XXXX Station _XXXX Next tray position is for the next pick sequence. (X= _XXXX , Y= _XXXX)	The pickup sensor on the station was not able to decide correctly whether or not there was a component on the traverser. If there are extra components on the traverser remove them. If there is no problem with the components and the sensor has malfunctioned re-adjust the sensor.
301	Tray unit error	Returned component is not placed correctly on the traverser station. If the component is on the station, please remove it. Mount data _XXXX Component data _XXXX Name _XXXX Station _XXXX	Components from the main unit were not placed correctly on the traverser or fell off during transport. If components have fallen off remove those components. If the sensor judges that there are components on the traverser when in actuality there are none re-adjust the sensor.
302	Tray unit error	Failed to pick up the parts from the tray. Remove the parts on the tray or the head. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX Parts on the position (X= _XXXX , Y= _XXXX) will be picked next.	

Ea : Application Error

No	Title	Message	Detail (Action)
303	TRAY UNIT ERROR	<p>Failed to put the parts on the traverser station. If the parts are on the station, please remove them.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Station _XXXX</p> <p>Parts on the position (X= _XXXX , Y= _XXXX) on the tray will be picked next.</p>	<p>Components fell off of the external tray changer when being transported or the sensor on the traverser judged that there were no components on the traverser even though there were. If components have fallen off, remove those components. Adjust the pickup sensor for the traverser so that it judges correctly whether or not there are components on the traverser.</p>
304	TRAY UNIT ERROR	<p>Failed to pick up the parts from the traverser station. If the parts are on the station, please remove them.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Station _XXXX</p>	<p>Components which should have been on the traverser were not there or an attempt was made to pick up components from the traverser but the pickup head sensor or the traverser sensor was not able to judge correctly whether there were components on the traverser.</p> <p>Re-adjust the sensors or if there are components which have fallen off remove them.</p>
305	TRAY UNIT ERROR	<p>Unknown parts found on the traverser station. Please remove the parts.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Station _XXXX</p>	<p>Reset operation was done when some component is on the traverser station Or traverser sensor was not able to judge the existence of component. Please remove the component on the traverser station. Or re-adjust the sensors of traverser.</p>
306	TRAY UNIT ERROR	<p>Failed to store the pallet. To start production again, please put the pallet into the magazine.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX</p>	<p>A mechanical problem occurred when the attempt was made to house the pallet in the magazine. Press the Emergency Stop button and return the pallet to the magazine manually.</p>
307	TRAY UNIT ERROR	<p>Failed to pull out the pallet. To start production again, please put the pallet into the magazine.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX</p>	<p>For mechanical reasons an error occurred when the pallet was being taken out of the magazine. If the pallet has been ejected from the magazine too abruptly press the Emergency Stop button and return it to the magazine manually.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
308	TRAY UNIT ERROR	<p>Can't start the hook action.</p> <p>The following causes are considered.</p> <p>Pallet (No. _XXXX) position is not correct.</p> <ul style="list-style-type: none"> - The hook is crooked. - The sensor of the hook is broken. - The magazine is not set correctly. - The door of the magazine is open. <p>If the pallet is out of the magazine, do the following.</p> <ul style="list-style-type: none"> - Press the [EMERGENCY STOP] button. - Take the pallet out of the magazine. - Put the pallet back into the magazine correctly. 	<p>The hook has not held the pallet at the correct position.</p> <p>Re-insert the hook at the correct position in the pallet and start the operation again from the beginning. If the pallet has been ejected from the magazine too abruptly however press the Emergency Stop button and return it to the magazine manually.</p>
310	TRAY UNIT ERROR	<p>There are parts on the tray unit head or the traverser station.</p> <p>Please remove them.</p>	<p>Component pickup error by external tray traverser.</p> <p>Traverser has skipped a component because of incorrect teaching of pickup position or traverser position or pickup error has been made by main head traverser. Possibly vacuum sensor of external tray changer head or traverser station is incorrectly adjusted.</p> <p>Check component pickup position traverser coordinates on main unit side and coordinates for traverser station on external tray changer side.</p> <p>Adjust vacuum sensor of external tray changer head and vacuum sensor of traverser station.</p>
311	TRAY UNIT ERROR	<p>Pallet reset was aborted due to EMERGENCY STOP.</p>	<p>An interlock emergency stop instruction or similar instruction has been issued.</p> <p>If a pallet has been forcibly ejected return it to the magazine.</p>
313	TRAY UNIT ERROR	<p>Pallet is out of the magazine.</p> <p>Please put it in.</p>	<p>The pallet has been forcibly ejected from the magazine.</p> <p>Return the pallet to the magazine.</p>
314	TRAY UNIT ERROR	<p>The door is open.</p> <p>Please close the door.</p>	<p>The door of the external tray changer is open.</p> <p>Close the door which is open.</p>
315	TRAY UNIT ERROR	<p>Failed to store the pallet.</p> <p>To start production again, please put the pallet back into the magazine.</p>	<p>Press the Emergency Stop button and return the pallet to the magazine manually.</p>
316	TRAY UNIT ERROR	<p>Failed to pull out the pallet.</p> <p>To start production again, please put the pallet into the magazine.</p>	<p>Press the Emergency Stop button and return the pallet to the magazine manually.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
317	TRAY UNIT ERROR	The door is open or the Z-axis is servo-off. Please close the door. (If the door light is off, although the door switch is 'close', please turn the door switch 'open' once and turn it 'close')	
318	TRAY UNIT ERROR	Failed to pick up parts from the traverser station. If there are parts on the station, please remove them. Mount data _XXXX Parts data _XXXX Name _XXXX Station _XXXX If this error occurs very often, confirm below. - The vacuum sensor of the [YTF] traverser station - The vacuum valve of the [SMT] head - Z-axis of [TrayChanger]	
330	TRAY UNIT ERROR	Parts are picked by the head or the tray changer. If [SET PALLET] is executed now, the parts can be dropped. Remove the parts from the head or the tray changer before executing [SET PALLET].	Remove the component from head of machine or Tray-Changer.
331	TRAY CHANGER ERROR	Can't start auto-running, because the tray changer is under the dangerous or unexpected status. If the pallet is out of the magazine, restore it through the following procedure. 1. Press the [EMERGENCY STOP] button. 2. Remove the pallet by hand. 3. Press the [READY] button. 4. Open the door and insert the pallet into the original position. 5. Close the door.	
332	TRAY CHANGER ERROR	Couldn't open the door due to the emergency stop. There is a possibility that the pallet position is not correct. Release the emergency stop, and open the door to store the pallet. (If the door switch is already 'open', turn it 'close' and then turn it 'open')	
333	TRAY CHANGER ERROR	Couldn't finish the manual pallet set due to the emergency stop. There is a possibility that the pallet position is not correct. Release the emergency stop, and open the door to store the pallet.	
334	TRAY CHANGER ERROR	There is no pallet required in the magazine. Please check whether the pallet and the magazine are set correctly. Pallet _XXXX	
335	TRAY CHANGER ERROR	Can't start auto-running, because the manual pallet set is not completed. Open the door, put the pallet into the magazine, and start auto-running	
336	TRAY CHANGER ERROR	Can't start auto-running, because the door is not open. Although the door switch is 'Open', the pallet has not been stored yet, which is caused by a emergency stop while the door is opening. Open the door, store the pallet, and start auto-running.	

Ea : Application Error

No	Title	Message	Detail (Action)
337	Warning: Tray changer door open	The magazine rack may not have moved to the drawer position, because the door switch was operated too quickly. Turn the switch 'close', then turn it 'open'. (the door light turns on)	
338	TRAY CHANGER SET ERROR	The magazine rack is not set correctly. Please make sure that 1. the magazine clamp is locked correctly. 2. the pallet suppression of the magazine is tightened. 3. the pallet is stored in the magazine.	
339	Warning: Tray changer door closed	The door was closed with the door switch 'close'. In this state, the tray changer may not work. Please turn the door switch 'open' and then turn it 'close'.	
340	TRAY CHANGER ERROR	Can't open the door of the tray changer because of INTERLOCK ERROR. Please turn the door switch off, and remove the cause of INTERLOCK ERROR, then turn the switch on.	
351	TRAY CHANGER INTERLOCK ERROR	The tray changer pallet is out of the magazine. Before you press the [READY] button, please make sure to - confirm that no one else is under the operation. - ensure the machine moving area. - put the pallet back into the magazine.	Return the pallet correctly to the magazine and start the operation again.
352	ORIGIN INCOMPLETE	The tray changer pallet is out of the magazine. Before you press the [READY] button, please make sure to - confirm that no one else is under the operation. - ensure the machine moving area. - put the pallet back into the magazine.	Press the Emergency Stop button and return the pallet to the magazine.
363	NO PARTS FOR USE	All parts in the alternative loop are not available. The following causes are considered. - A pick up error or a recognition error occurred. - Parts counter reached the specified number. Replace the parts or check the trays, and restart auto-running. Parts data _XXXX Tray start No. _XXXX Tray end No. _XXXX	
365	NO PARTS FOR USE	All parts in the alternative loop are not available. The following causes are considered. - A pick up error or a recognition error occurred. - Parts counter reached the specified number. Replace the parts or check the trays, and restart auto-running. Parts data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
366	TRAY CHANGER ERROR	<p>All parts in the alternative loop are not available. The following causes are considered.</p> <ul style="list-style-type: none"> - The door of the tray changer is open. - No parts are left. <p>Close the door or replace the parts, and restart auto-running. Parts data _XXXX Tray start No. _XXXX Tray end No. _XXXX</p>	
368	PALLET NUMBER ERROR	<p>The detected pallet number is different from the pallet pulled out. Put the pallet into the correct drawer, and start auto-running.</p> <p>Proper No. _XXXX Detected No. _XXXX</p>	
369	PALLET SET IMPOSSIBLE	<p>One of the doors of the tray changer is open. Please close all the doors and try again.</p>	
370	PALLET SET IMPOSSIBLE	<p>The specified pallet number is out of the range. Please check the pallet number and the machine data setting.</p>	
371	TRAY CHANGER ERROR	<p>Unknown pallet is detected by the sensor during pallet action. Check the pallet sensor.</p>	
372	TRAY CHANGER ERROR	<p>The position to put the pallet in is already used by the other pallet.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX</p>	
373	TRAY CHANGER ERROR	<p>The position to put the pallet in is already used by the other pallet.</p>	
374	TRAY CHANGER ERROR	<p>Pallet was not detected while being stored/pulled out. Please check the pallet sensor.</p>	
376	TRAY CHANGER ERROR	<p>"Ext.TC" or "Auto TC" was selected in parts data, although this machine has no tray changer. Please correct the parts data.</p>	
378	CONFIRMATION OF SPECIAL DUMP BACK	<p>The parts will be brought back to the tray. If you have already replaced the parts in the tray changer, the brought back parts will be put over the replaced parts. So in that case, press the [EMERGENCY STOP] button, and remove the parts from the head before you start auto-running.</p> <p>Parts data _XXXX Name _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
379	TRAY CHANGER ERROR	Parts are not available because no parts left or the door of the tray changer is open. Please replace the parts or close the door, and start auto-running. Parts No. _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
380	TRAY CHANGER ERROR	Pallet is out of the magazine 1 of ATS1. Put the pallet back into the magazine.	
381	TRAY CHANGER ERROR	Pallet is out of the magazine 1 of ATS2. Put the pallet back into the magazine.	
382	TRAY CHANGER ERROR	Pallet is out of the magazine 1 of ATS2. Put the pallet back into the magazine.	
383	TRAY CHANGER ERROR	Pallet is out of the magazine 2 of ATS2. Put the pallet back into the magazine.	
384	TRAY CHANGER ERROR	Required pallet is not found in the magazine. Please check the pallet and magazine are set correctly. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
385	TRAY CHANGER ERROR	Required pallet is not found in the magazine. Please check the pallet and magazine are set correctly.	
386	TRAY CHANGER ERROR	Parts were lost while the DX axis was moving. If the parts are on the station or the way of the DX axis, please remove them. Mount data _XXXX Parts data _XXXX Name _XXXX Head number _XXXX	
387	TRAY CHANGER ERROR	Parts were lost while the DX axis was moving. If the parts are on the station, or on the way of the DX axis, please remove them. Mount data _XXXX Parts data _XXXX Name _XXXX Head number _XXXX	
388	TRAY CHANGER ERROR	Can't move the DX axis, because the position of the DS axis is not safe. The following causes are considered. - Sensor error - Interference of the axes	

Ea : Application Error

No	Title	Message	Detail (Action)
389	TRAY CHANGER ERROR	Can't move the DS axis, because the position of the DX axis is not safe. The following causes are considered. - Sensor error - Interference of the axes	
390	TRAY CHANGER ERROR	The pallet is out of the ExtTray magazine. Please return the pallet to the magazine. Stage No. _XXXX Magazine No. _XXXX	
391	TRAY CHANGER ERROR	The ext tray magazine clamp is not set. Please set the magazine clamp. Stage No. _XXXX Magazine No. _XXXX	
392	TRAY CHANGER ERROR	The magazine rack is out of the auto tray changer. Please put the magazine correctly.	
393	TRAY CHANGER ERROR	The hook doesn't work correctly. The following causes are considered. 1. The sensor of the hook is broken. 2. The hook is crooked. 3. The pallet position is not correct. 4. The magazine is not stored correctly. If the pallet is out of the magazine, do the following. 1. Press the [EMERGENCY STOP] button. 2. Remove the pallet. 3. Put the pallet into the magazine.	
394	TRAY CHANGER ERROR	The head of ExtTray doesn't work correctly. Please check below. 1. The sensor of ExtTray head can be broken. 2. Thickness of the parts on the pallet 3. Thickness of the tray on the pallet	
395	TRAY CHANGER ERROR	Failed to turn the servo on, because the tray changer door is open. Please close the door and press the [READY] button.	
396	TRAY CHANGER ERROR	ExtTray detected a bring back error during the mounting action. If there are parts on the station, please remove them. Station No. _XXXX	
397	CONFIRMATION OF TRAY CHANGER MOVEMENT	Machine stopped with the pallet pulled out of the magazine. Please make sure that the hook axis and the pallet moves safely, and start auto-running.	

Ea : Application Error

No	Title	Message	Detail (Action)
398	TRAY CHANGER TIMEOUT ERROR	Failed to pick up parts from ATS. Please note the following numbers and contact the manufacturer. Error Detail _XXXX ATS CTRL No _XXXX	
399	TRAY CHANGER ERROR	The reaction of the stage set sensor is unusual. Confirm the condition of the sensor and the pallet.	
400	DISPENSE CHECK DATA ERROR	Pre-dispense data was selected to make a dispense check. However, there is no mark data corresponding. Pre Dispense data _XXXX Mark data _XXXX	
401	DISPENSE CHECK DATA ERROR	"On dot station" was selected for dispense check, but there is no dot station for this machine.	
402	DISPENSE CHECK DATA ERROR	Defined mark data for dispense check is illegal. The mark type must be "Fiducial" or "DispenseDot". Pre Dispense data _XXXX Mark data _XXXX	
403	DISPENSE CHECK DATA ERROR	Defined head number for dispense check is illegal. The head is not dispense head. Pre Dispense data _XXXX Head number _XXXX	
404	DISPENSE CHECK DATA ERROR	Dispense check position is out of moving area. Pre Dispense data _XXXX Axis _XXXX	
405	NO DEFINED DOT WAS FOUND	The required size of dot was not found. Head number _XXXX No dispense fluid left, or the nozzle can be clogged up. Press the [EMERGENCY STOP] button to ensure safety, and remove the causes.	Axis cannot move outside of soft limit. Enter correct position.
406	DOT STATION DATA ERROR	The board data is set to use a dot station, but this machine is not equipped with a dot station. Please correct the board data.	
410	DOT RECOGNITION ERROR	Can't adjust dot size. The following causes are considered. - The detected dots are less than the specification. - The correction timer is set to "0". - The measured area is smaller than 0.01mm ² . Please correct the mark data used for dot recognition. Head number _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
412	DISPENSE CORRECTION LIMIT ERROR	<p>The correction value of dispense is out of the range. Please adjust the value of Min and Max correction in the machine setting, or change the dispense conditions.</p> <p>Head number _XXXX Cor. type _XXXX Std. area _XXXX Cor. area _XXXX Cor. amount _XXXX Min. Cor. _XXXX Max. Cor. _XXXX</p>	
413	DISPENSE CORRECTION ERROR	<p>The Min or Max value of dispense correction is invalid. If the dispense correction value indicates "1.0000", it means the Min or Max correction includes invalid value. Please change the value of the Min and Max correction in the machine setting to avoid "1.0000".</p> <p>Head number _XXXX Cor. type _XXXX</p>	
414	DISPENSE CORRECTION ERROR	<p>The Min or Max value of dispense correction is invalid. The Min value is larger than the Max value. Please change the value of the Min or Max correction in the machine setting.</p> <p>Head number _XXXX Cor. type _XXXX</p>	
434	DOT DISPENSE POSITION ERROR	<p>The dot dispense position is out of the board. The head unit will be broken if you continue. Please check the board data.</p> <p>Dot Dispense data _XXXX</p>	
435	BOARD DATA Pre Dispensing Height Warning!	<p>Pre dispensing Height is too low. If you execute auto-running in this condition, a head unit may be broken. Please check data again.</p> <p>1)Lower end position is below the normal height + 0.5mm. 2)Z height for next job is below the normal height - 0.5mm. 3)Lower end position is above Z height for next job. 4)Z height for next job is above upend position.</p> <p>Pre Dispense data _XXXX</p>	
436	BOARD DATA Dot Dispensing Height Warning!	<p>Pre dispensing Height is too low. If you execute auto-running in this condition, a head unit may be broken. Please check Pcb data again.</p> <p>1)Lower end position is below the pcb height + 0.5mm. 2)Z height for next job is below the pcb height - 0.5mm. 3)Lower end position is above Z height for next job. 4)Z height for next job is above upend position.</p> <p>Dot Dispense data _XXXX</p>	
437	BOARD DATA ERROR	<p>Illegal setting of [Retry Seq.] in the board data. To use "Part Group No." in parts data, set [Retry Seq.] to "Group" or "Block".</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
438	BOARD DATA ERROR	Board size Z (board thickness) is illegal. Please correct it.	
439	BOARD DATA ERROR	The transfer height is out of the moving area. Axes _XXXX	
441	BOARD DATA ERROR	Only 'STOP ' error sequences are available with Board Fiducial. Please check and correct the mark data.	
442	BOARD DATA ERROR	Only 'STOP ' error sequences are available with Point Fiducial. Please check and correct the mark data. Mount data _XXXX Fiducial data _XXXX Mark data _XXXX	
443	PLEASE CHECK FOR ANY ILLEGAL RUNNING CONDITION	There is possibility that hits components. Because the mount height offset is large. If all are OK, please continue.	
444	DATA CHECK ERROR	Unknown error. _XXXX	
445	BOARD DATA ERROR	Value of [Number of MountData] x [Number of Block] is equal to or more than that of _XXXX Points/Lane. Reduce the mount data or blocks.	
446	BOARD DATA ERROR	Too many dot-dispense data.	
447	BOARD DATA ERROR	Too many pre-dispense data.	
449	BOARD DATA ERROR	The nozzle selected in parts data is not available for stamping action. Select appropriate one. Parts data _XXXX Name _XXXX	
452	DATA CHECK ERROR	The loaded board data is not done with a data check. Please load the board again, and correct wrong data if necessary.	
453	SPECIAL DUMP BACK WARNING	The "Sp. Dump Back" function cannot be used with Ext. Tray Changer such as YTF80W. Please change the setting of "Dump Way" in parts data.	

Ea : Application Error

No	Title	Message	Detail (Action)
454	BOARD DATA ERROR	CO-PLANARITY CHECK is available only when the datum angle is 0 degree. Mount data _XXXX Parts data _XXXX Name _XXXX	
455	Board DATA ERROR	The fiducial skip function can be used with the tray changer only when all fiducial check functions are enabled.	
456	BOARD DATA ERROR	The alignment type of the dispense nozzle is not specified. Please set the alignment type. Head Number No. _XXXX	
457	BOARD DATA ERROR	The alignment type of the dispense nozzle is not correct. There is no alignment data corresponding to the alignment type. Please correct the alignment type. Head Number No. _XXXX	
458	TRAY PRECEDE ERROR	The tray precede function can't be used, when "Sp.Dump Back" is selected for ATS parts. Please set [Tray Precede] to "Not Use".	
459	CONFIRMATION OF BLOW MODE	The blow mode is not "Normal" in the machine setting. Operation may not be under the best condition.	
460	Multi-Macs Data Error	Multi-Macs data in Machine Data is not correct. Can't start mounting normally in this condition. Please adjust Multi-Macs data in Adjust Utility.	
461	PLEASE CHECK FOR BOARD SIZE HEIGHT	Board Size Height is "0". If OK, please continue.	
462	CAUTION!: PRE-DISPENSE POSITION ERROR	The pre-dispense position is out of the board or the dot station. If production is continued in this condition, the head unit will be broken. Please check the board data. Pre-Dispense data _XXXX	
463	CAUTION!: PRE-DISPENSE POSITION ERROR	The pre-dispense position to confirm the adjustment range is out of the dot station area. If you continue in this condition, the head unit will be broken. Please check the board data. Pre-Dispense data _XXXX	
464	BOARD DATA ERROR	Both of "Feedback" and "Exec." are selected in the pre-dispense data. When you select "Feedback", please select "Check" or "Skip". Pre-Dispense data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
465	STATIC COMPONENT WARNING	Static Components are not supported on VGOS, default parts data will be used instead. This parts data may not be the same as the intended Static Components definition. Please check the components data is correct. Comp number No. _XXXX Comp Name _XXXX	
466	BOARD DATA ERROR	Illegal parts shape data. Body Size or Body Height or Search Area is set to "0". Mount data _XXXX Parts data _XXXX Name _XXXX	
467	BOARD DATA ERROR	Too many Height Correction Data.	
471	TIMEOUT ERROR	Cannot receive a signal from SEQUENCE UNIT; (Waffle Tray Changer, Special Feeder etc...) UNIT No. _XXXX	
472	SEQUENCE UNIT NOT READY	Parts supply units (Waffle Tray Changer, Special Feeder, and others) are not ready for pick up. POSSIBLE CAUSES - No parts left. - Parts supply units are not powered on. - Something is wrong with the parts supply units. Please check them. Please check the supply unit UNIT No. _XXXX	
473	BOARD DATA ERROR	In Mount/Sequence Info., there is an illegal mode parameter. Please, check the following data. Mount data _XXXX	
474	BOARD DATA ERROR	Dot dispense data specified in the mount data is invalid. --- POSSIBLE CAUSES --- - Mark data not exists. - Mark data number is invalid. - Mark type is neither "Check 1" nor "Check 2". - "Src.Offset" and "Diff.Pos" are both active. Mount data _XXXX Mark data _XXXX Name _XXXX	
475	BOARD DATA ERROR	Dot dispense data specified in the mount data is invalid. The following causes are considered. - The dot dispense data doesn't exist. - The dot dispense number is invalid. Mount data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
476	BOARD DATA ERROR	<p>The station No. specified in parts data is invalid.</p> <p>The following cause is considered.</p> <ul style="list-style-type: none"> - The station No. doesn't exist on the mounting table. <p>Parts data _XXXX Name _XXXX</p>	
477	BOARD DATA ERROR	<p>Mark position in the mount/sequence data is outside moving area.</p> <p>Mount data _XXXX</p> <p>Axes _XXXX</p>	
478	BOARD DATA ERROR	<p>The head specified in mount data or sequence data is invalid.</p> <p>The following causes are considered.</p> <ul style="list-style-type: none"> - The head number is not allowed. - The head is not available for a dot dispense. <p>Mount data _XXXX</p> <p>Head number _XXXX</p>	
479	BOARD DATA ERROR	<p>The dot dispense position in mount data or sequence data is out of the moving area.</p> <p>Mount data _XXXX</p> <p>Axes _XXXX</p>	
480	DISPENSE ERROR	<p>The dispense fluid sensor detected out of solder.</p> <p>To continue auto-running, please refill the dispenser.</p> <p>Head number _XXXX</p>	
481	BOARD DATA ERROR	<p>The head can't reach the effective area of Dipping Station.</p> <p>--- POSSIBLE CAUSES ---</p> <ul style="list-style-type: none"> - [StationNo] set in parts data is invalid. - Setting of Dipping Station (size or origin position) is invalid. <p>Parts data _XXXX Name _XXXX</p>	
482	BOARD DATA ERROR	<p>The head can't reach the effective area of Dipping Station.</p> <p>POSSIBLE CAUSE</p> <ul style="list-style-type: none"> - Setting of Dipping Station (braider) is invalid. <p>Parts data _XXXX Name _XXXX</p>	
483	PREDIPPING STATION REPORT	<p>Number of pre-dipping times reached the limit, and the count was cleared.</p> <p>Please clean the station.</p>	
484	TIMEOUT ERROR	<p>Can't receive the signal from Dipping Station.</p> <p>Station No. _XXXX</p> <p>Station position _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
487	BOARD DATA ERROR	This machine has no dipping station, but the Board data requires it. Please check the parameter of MACHINE DATA.	
488	WARNING: DIPPING STATION	Dipping Station has been stopped for a definite period of time. Please check the condition of the solder, and run it by hand if necessary. Station No. _XXXX Station position _XXXX If there are more than one station, check all of them.	
489	WARNING: DIPPING STATION	There is a head which stopped during a dipping action at the dipping station. The parts on this head will be dumped. Station No. _XXXX Station position _XXXX	
490	BOARD DATA ERROR	Bottom side clearance is too big. Axes _XXXX This value should satisfy the following equation. PT + BSC <= IP - IM PT : Board thickness BSC : Bottom side clearance IP : Init. pos of PU axis(Machine data) IM : Init. move of PU axis(Machine data)	
492	MARK DETECTION ERROR	Failed to detect the marks required with the following sequences. Remove the causes and try again, or execute marking. [upper row: Local Bad Number. lower row: Recognize Result.] _XXXX _XXXX	
493	MARK DETECTION ERROR	Failed to detect the marks required with the following sequences. Remove the causes and try again. [upper row: Local Bad Number. lower row: Recognize Result.] _XXXX _XXXX	
494	MARK DETECTION ERROR	Failed to detect defined mark. Mount data _XXXX Name _XXXX Mark data _XXXX Name _XXXX	
495	MARK AREA ERROR	The detected fiducial mark area is out of tolerance. Mount data _XXXX Name _XXXX Mark data _XXXX Name _XXXX	
496	MARK POSITION ERROR	The detected fiducial mark position is out of tolerance. Mount data _XXXX Name _XXXX Mark data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
497	SELECTION AFTER MARK DETECTION	Are mount data linked this mark to be skipped? Please select: SKIP [F1]Key EXECUTION [F5]Key NOT SKIP Other Keys	
502	DATA READING ERROR	Failed to read data.	File may be destroyed. Relevant data cannot be loaded. If backup data is available, copy and load it.
503	BOARD DATA ERROR	Failed to write data.	Hard disk is full or disk has errors. First check the disk condition. If the number of files is too much, reduce the files, then retry.
563	BOARD DATA ERROR	Mark data is not ready. Please prepare correct mark data.	There is no mark data for the fiducial recognition function. The data for the mark number specified by the fiducial mark parameter in the PCB information needs to be defined as the relevant number in the mark information. Check to see that this data has been defined.
564	BOARD DATA ERROR	All coordinates of the fiducial marks are (0.0). Fiducial correction does not work under this condition. Please set correct coordinates.	No coordinate data has been entered for the fiducial marks. Input the correct coordinates.
567	PICK UP POSITION ERROR	Pick up position is out of the feeder width. If teaching is performed in this condition, there is a possibility that - the shutter of the feeder will collide with the nozzle. - wrong parts will be picked. Parts data _XXXX Name _XXXX Feeder set position _XXXX If the teaching position is surely correct, press the [YES] button.	
568	Moving to the mark position.	Machine is moving. Please be careful. [OK] : Moving to the mark position. [Cancel] : The process is canceled.	

Ea : Application Error

No	Title	Message	Detail (Action)
570	ALIGNMENT ERROR	Setting of the alignment module is not correct. The following causes are considered. <ul style="list-style-type: none"> - Alignment module setting is wrong. - Alignment type is not specified. - Body size is too big to be recognized. - Pick or Mount action is set to "FINE", though no single camera exists. - No recognizable camera exist. 	
579	PICK UP ERROR	Can't pick up parts from the required feeder set position. Select a feeder set position within the moving range of the head which can also reach the tray changer.	
580	SIDE VIEW CAMERA: INTERNAL ERROR	Side View Camera couldn't recognize the nozzle. Please note this error No. and call the manufacturer. Please check below. <ul style="list-style-type: none"> - Condition of the nozzle on the head - Lighting status of the side view light Head No._XXXX Nozzle_XXXX Detailed Error No._XXXX _XXXX	
581	SIDE VIEW CAMERA : NOZZLE SHAPE ERROR	Nozzle recognition was failed. The nozzle shape information can be wrong. Please execute [Measure Nozzles] on the [Setup] screen. Check the value of [Setting] - [Specification Information] - [Side View Camera Spec] - [Nozzle Basic Setting]. Head No._XXXX Nozzle_XXXX	
582	SIDE VIEW CAMERA : NOZZLE SHAPE ERROR	Nozzle tip shape recognition was failed, or a different tip width was detected. There is a possibility that wrong nozzle was set. Please check the nozzle. Head No._XXXX Nozzle_XXXX Detailed Error No._XXXX _XXXX	
583	SIDE VIEW CAMERA : NOZZLE SHAPE ERROR	The shape of the nozzle is different from the specification. The nozzle set on the head can be wrong. Please check the nozzle. Head_XXXX Nozzle_XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
584	SIDE VIEW CAMERA : NOZZLE SHOULDER DETECTION ERROR	<p>Nozzle shoulder detection was failed.</p> <p>POSSIBLE CAUSES</p> <ul style="list-style-type: none"> - Nozzle shoulder is broken. - Nozzle shoulder is not clean. <p>Check the following nozzle and clean it if necessary.</p> <p>Head No._XXXX Nozzle_XXXX Detailed Error No._XXXX _XXXX</p>	
585	SIDE VIEW CAMERA: NOZZLE SHAPE ERROR	<p>Nozzle width seems over 300μm less than the specified size. The nozzle may have been broken.</p> <p>Head_XXXX Nozzle_XXXX</p>	
586	SIDE VIEW CAMERA : RECOGNITION ERROR	<p>Failed in a recognition of nozzles or the edge of parts.</p> <p>POSSIBLE CAUSES</p> <ul style="list-style-type: none"> - The detected parts are thicker than parts data. - The camera or the light is broken. <p>Please check the parts data and the camera shooting screen.</p> <p>Head_XXXX Nozzle_XXXX</p>	
587	SIDE VIEW CAMERA : RECOGNITION ERROR	<p>Side View Camera failed to recognize the parts. Reverse check can't be performed for 0.32mm or thinner parts.</p> <p>Head_XXXX Nozzle_XXXX</p>	
588	SIDE VIEW CAMERA : NOZZLE FIT ERROR	<p>Side View Camera detected the nozzle in a bad fit.</p> <p>POSSIBLE CAUSES</p> <ul style="list-style-type: none"> - Nozzle is not set on the nozzle holder correctly. - Something is wrong with the nozzle spring. <p>Confirm the nozzle fit. Exchange the nozzle spring if necessary.</p> <p>Head_XXXX Nozzle Type_XXXX Nozzle Omission Length_XXXX Nozzle Judge Length_XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
589	SIDE VIEW CAMERA : NOZZLE BUFFING ERROR	<p>Side View Camera detected a nozzle buffing failure. The tip of the nozzle can be stuck.</p> <p>Please check the nozzle buffing. Clean or exchange the nozzle if necessary.</p> <p>Head_XXXX Nozzle Type_XXXX Nozzle Omission Length_XXXX Nozzle Judge Length_XXXX</p>	
601	DATA ERROR	<p>The number of used feeders exceeds the amount of available feeders.</p> <p>Feeder group _XXXX Feeder type _XXXX</p>	<p>If there are enough feeders, being used is wrong use the configuration mode to correct the feeder quantity information.</p> <p>If there are actually too few feeders buy more.</p>
602	DATA ERROR	<p>The number of nozzles used exceeds the amount of available nozzles, or the number of available nozzles is set to 0, but in the Head Spec info the nozzletype is specified for one or more heads.</p> <p>Machine _XXXX Nozzle type _XXXX</p>	<p>The number of nozzles used to manufacture the data currently being planned is not enough for the actual processing.</p> <p>If the setting for the number used in processing is wrong correct it in the machine configuration. If there are actually too few nozzles purchase more or use the YV112 to create data for the places where nozzles are to be secured and used.</p>
603	DATA ERROR	<p>The number of parts data exceeds system limit.</p> <p>Machine _XXXX</p>	<p>Components assigned to the specified machine exceed the specifications.</p> <p>Shift some of the component data assigned to that machine to another machine.</p>
604	DATA ERROR	<p>The number of mount data exceeds system limit.</p> <p>Machine _XXXX</p>	<p>The number of mounting data exceeds the specifications for that machine.</p> <p>Set up the specified components on another machine.</p>
605	DATA ERROR	<p>Failed to distribute the nozzles.</p> <p>Machine _XXXX</p> <p>- The selected nozzle type and parts may collide with the next head. Confirm the nozzle type for all parts.</p> <p>- There are not enough nozzles to set on all of the heads. Confirm the number of the nozzles and the head specification.</p>	<p>Some component is too big size to interfere to nearest nozzle(head).</p> <p>Check the component size and nozzle type. Check the number of nozzle and the setting of head spec. inf.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
606	DATA ERROR	<p>The setting of the head specification is different from that of the machine data.</p> <p>Machine _XXXX Head No. _XXXX</p> <p>Check the setting of [Head Offset], [Nozzle Station] in [Machine Data], and [Head Specification].</p>	
607	PARTS DATA ERROR	<p>Pos. Definition of multi-stick feeder parts is invalid. There are parts set to "Teaching" and parts set to "Relative" on the same feeder. If you want to move the feeder set position, select "Relative" for all the parts, If not, select "Teaching". Feeder Set No. _XXXX</p>	
608	DATA ERROR	<p>The nozzle changer specification in OPTION CONFIG. and the head specification in HEAD OFFSET do not match.</p> <p>Machine _XXXX</p> <p>If a nozzle changer exists, at least one head should be AutoNzlChg. If not, all heads should not be AutoNzlChg.</p>	
609	DATA ERROR	<p>Multi-stick feeder set number is set to "0". Select the feeder set number. Parts _XXXX Name _XXXX</p>	
610	Failed to access feeder data file.	Failed to access feeder data file.	There is a problem with the hard disk. Try creating the data again from the beginning. If it cannot be recovered contact the manufacturer.
611	Failed to access nozzle data file.	Failed to access nozzle data file.	There is a problem with the hard disk Try creating the data again from the beginning. If it cannot be recovered contact the manufacturer.
612	Failed to execute non stop expansion.	<p>Check points:</p> <ol style="list-style-type: none"> 1.The feeder set position of "Static Components" or fixed Board data. 2.The setting of feeder plate setting information. 3.If executed "PRECEDENCE",change to "CONSIDERATION" and setting the "NON STOP LIST". 4.If executed "CONSIDERATION", check the setting of the "NON STOP LIST". 	
613	The name of component and one of static component	<p>do not match. The name of below component and one of static component that is referenced from it should be exactly the same. Machine _XXXX Component _XXXX Name _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
614	The Static component data that is referenced from	below component data does not exist. Machine _XXXX Component _XXXX Name _XXXX 1.The Static component data is masked by "FIXED COMP. MASK" 2.The Static component data is not existing. 3.The Static component data is existing, but component name is deleted.	
620	DATA ERROR	No parts data exists. Machine _XXXX Board _XXXX Parts _XXXX Name _XXXX	There is no component data. Create the specified component data.
621	DATA ERROR	No fiducial data exists for the mount data. Machine _XXXX Board _XXXX Mount _XXXX Fiducial _XXXX	There is no fiducial data. Create the specified fiducial data.
622	DATA ERROR	No mark data exists. Machine _XXXX Board _XXXX Mark _XXXX	There is no mark data. Create the mark data.
623	DATA ERROR	No badmark data exists for the mount data. Machine _XXXX Board _XXXX Mount _XXXX Badmark _XXXX	There is no bad mark data. Create the specified bad mark data.
624	DATA ERROR	No fiducial data exists for the dispense data. Machine _XXXX Board _XXXX dispense _XXXX Fiducial _XXXX	There is no fiducial data. Create the specified fiducial data.
625	DATA ERROR	No badmark data exists for the dispense data. Machine _XXXX Board _XXXX dispense _XXXX Badmark _XXXX	There is no bad mark data. Create the specified bad mark data.
630	FIDUCIAL DATA ERROR	The sub-data for 4 point-fiducial is not shown in mount or dispense data. Machine _XXXX Board _XXXX Mount, Dispense _XXXX Fiducial _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
631	FIDUCIAL DATA ERROR	Mount data shows the main data for 4 points fiducial. Next line must be the sub-data. Machine _XXXX Board _XXXX Mount _XXXX Fiducial _XXXX	
636	DATA ERROR	Nozzle enabled on [Head Specification] doesn't exist on the nozzle change station. Please disable the nozzle on [Head Specification]. Machine _XXXX Head No. _XXXX Nozzle TYPE _XXXX	
642	Dispense machine does not exist.	Dispense machine does not exist.	Please select the "Exist" of Dispense Head in MCH_CONFIG.
643	Failed to open the dispense data.	Failed to open the dispense data.	
645	WARNING : BLOCK DISTRIBUTION RETURN or BLOCK RE-DISTRIBUTION	The data of Mount, Block repeat, Local fiducial and Local badmark, will be converted from "Note" to "Exec". Please note that the previous "Exec" data will be deleted. To execute, tap the [ENTER] key. To cancel, tap the [ESC] key.	
647	"Note" data for block conversion was not found.	Machine _XXXX	Check the existence of "Note" data in Mount Block repeat Local fiducial Local bad mark.
648	POINT DATA NUMBER ERROR	Amount of the point data is over _XXXX . Too much point data may cause a data error. Please reduce the amount of data. Total amount of Mount Data, Parts Data, Mark Data, Block Repeat, Fiducial Mark, PreDispense and DotDispense is up to _XXXX .	Calculated mount data over 2500. So check and decrease the amount of Mount Block repeat Local fiducial and Local bad mark within 2560.
649	There is only one "Exec" data in Block repeat.	There is only one "Exec" data in Block repeat.	
650	BOARD DATA ERROR	No alignment module corresponding to the parts. Machine _XXXX Board _XXXX Parts _XXXX Name _XXXX	There is an error in the setting in the alignment module for the component or the component must be mounted by the other machine. Correct the erroneous setting.

Ea : Application Error

No	Title	Message	Detail (Action)
651	BOARD DATA ERROR	Dump station corresponding to the parts doesn't exist. Or the dump station exists on the different table. Machine _XXXX Board _XXXX Parts _XXXX Name _XXXX	There is an error in the setting in the dump way for the component or the machine data. Or the table of the dump station is different from the table where the component is fixed. Correct the erroneous setting.
653	DOT DISPENSE SORT TIMEOUT ERROR	Dispense sort routine was aborted with timeout. There is a possibility that the stopper will be attached to the dispensed solder. POSSIBLE CAUSE - Invalid setting of Diameter, Stopper or Pitch in the nozzle specification or others.	Illegal Diameter Stopper and Pitch data of the nozzle spec. Please check the nozzle spec data.
654	DISPENSE DISTRIBUTION ERROR	The recognition type of the following parts is not suitable for dispense distribution. Select a recognition type which can define the lead position and the lead width. Parts Data No._XXXX Unsuitable type: Sp.Quad, AsMark, Gravity	
658	COMMAND ERROR	1.[ADJUST ASSISTANT] command is not available for a component that uses "FixCmpRef." 2.[DRAW THE SHAPE(CMP)] command is not available for a component that uses "FixCmpRef."	Use these commands to components data in PCB [STATIC_COMPONENTS].
659	Impossible to quote component details	from Database. CheckPoints: 1.[SET FROM DATABASE] is not available for a component that uses "FixCmpRef." 2.[SET FROM DATABASE ALL] is not available for STATIC_COMPONENTS_. 3.[SET FROM DATABASE] is impossible for components with Database No. "0"	
660	DATA ERROR	Failed to load parts data from the database. Parts Data _XXXX Check the database number	There is no information in the database corresponding to the specified database number. Use the database list command to check the existing database numbers and specify an existing number.
661	DATA ERROR	Failed to load mark data from the database. Mark Data _XXXX Check the database number.	There is no database corresponding to the specified database. Use the database list command to check the existing database numbers and specify an existing number.

Ea : Application Error

No	Title	Message	Detail (Action)
662	DATA ERROR	<p>Failed to load the data from/to the database.</p> <p>POSSIBLE CAUSES</p> <ol style="list-style-type: none"> 1. The main window shows other than [Parts] or [Mark] 2. The selected database doesn't exist. 3. This password level is inhibited to write in the database. 	<p>An attempt was made to use database setting function on screen other than component information or mark information screen.</p> <p>Use [F3] key to switch to component information or mark information screen.</p>
663	FILE ERROR	Failed to read Board data.	<p>A PCB data with an asterisk (*) was selected; a machine which has not been registered was selected; or the PCB data has been destroyed.</p> <p>In the first two cases correct the operation. In the last case copy the data from the backup disk.</p>
664	DATA ERROR	<p>Failed to set up Fixed feeders at set position.</p> <p>Component _XXXX Name _XXXX specifies an impossible set position.</p> <p>Change the "FeederPosition" to "Automatic".</p> <p>Change the "MOUNT DATA CONDITION" to "FEEDER MOVE".</p> <p>Check the "Feeder Set No.".</p>	<p>Another fixed feeder already exists in that position so there is no space to attach the specified feeder.</p> <p>Find the feeder which is interfering with the fixed feeder and remove it or delete the specification of the fixed feeder which is causing the problem. If the component that feeder position is "TEACHING" change to "AUTOMATIC" and execute the optimization.</p>
665	DATA ERROR	Failed to distribute nozzles.	<p>If a feeder has already been fixed in that position the nozzle could not be positioned in a place where it is possible to pick up components.</p> <p>Change the position of the fixed feeder.</p>
666	DATA ERROR	<p>Failed to distribute mount data.</p> <p>Check Points:</p> <ul style="list-style-type: none"> Nozzle Setting (In case of NO_NOZZLE_SUGGESTION) Board Origin, Block Offset, SoftLimit, Picking Position by XY-CurrentTray 	<p>If the data is too complex an error occurs in the mounting data and the feeders cannot be positioned.</p> <p>Shift part of the data to another machine.</p>
667	FILE ERROR	Failed to write Board data.	<p>There is no space available on the hard disk or there is a problem with the hard disk.</p> <p>If there is no space available back up any unnecessary PCB data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
668	Failed to read Machine Equipment Data.	Failed to read Machine Equipment Data.	The software versions do not match or the model setting does not match the registered machine data. Register the machine data again and check the versions. If the versions are different contact the manufacturer.
669	DATA GENERATOR OBJECT ERROR	Dummy file for DATA GENERATOR does not exist. POSSIBLE CAUSES 1. Target board has not been selected. 2. Dummy file was deleted because of error. SOLUTIONS 1. Select a board. 2. Select "A1 TARGET SELECTION" and exit the screen.	The PCB name has not been selected; the dummy file has been erroneously deleted; or no line has been selected. Select the PCB line.
670	DATA GENERATOR TARGET ERROR	This command is not available without a board selected.	Because PCB data is not selected the command is not available. Select PCB data before executing the command.
671	MACHINE NUMBER NOT SELECTED	Please select a machine number.	The machine number which serves as the target for creating data has not been selected. Select the machine.
672	Dummy file of the target board will be deleted.	Do you really want to continue? To abort this process, press the [ESC] key.	The dummy file of PCB data which currently serves as the target for creating data will be lost if the command about to be executed is actually executed. If losing the dummy file will cause problems press the ESC key. If the dummy file can be deleted press any other key.
673	Nozzle settings are shown below.	A TABLE:[Upper = Head No., Lower = Nozzle Type] Head _XXXX Nzl. _XXXX B TABLE:[Upper = Head No., Lower = Nozzle Type] Head _XXXX Nzl. _XXXX	
674	Can't select the board.	This board has already been selected - as a target board of DATA GENERATOR. - as a fixed board.	The Board you are trying to select has already been selected.
675	Can't select any more fixed boards.	The selectable fixed boards are up to _XXXX . To select this board, cancel the other one, and try it again.	An attempt was made to register five or more Boards as fixed Boards. Select one of the Boards already registered as a fixed Board and cancel it.

Ea : Application Error

No	Title	Message	Detail (Action)
676	No nozzle can pick up the component.	Machine _XXXX Component _XXXX Name _XXXX Check: Required Nozzle(Component data) Nozzle Information XY position of picking position for component from ""Teaching".	The setting in the component data for the nozzles to be used is wrong. Go back to the editing screen and check the component data.
677	No head has nozzles to pick up the parts.	Parts _XXXX Name _XXXX Check below - Nozzle Setting (In case of NO_NOZZLE_SUGGESTION) - Feeder position (in case of fixed feeder) - Unused heads (in case of SM112) - Board Origin, Block Repeat, Soft Limit	If the setting for the recommended nozzle is set to "None" the nozzles has already been decided by the user and there is no empty space; or a fixed feeder is being used and the appropriate nozzles cannot be attached to a head which will reach that feeder. Also it may be that a head has been installed which cannot move into the work area so the nozzle cannot be attached to it. Go back to the editing screen and change the nozzle position or the feeder position.
678	FEEDER ALIGNMENT ERROR	Parts Data _XXXX Name _XXXX The feeder can't be aligned, because all the feeder set positions are occupied by the other feeders, or because there is no head available with enough nozzles.	Because the data is too complex ultimately there are no more places where feeders can be attached. Or there are too many feeders so that the layout is logistically impossible. Try fixing the setting position for the component where the problem is occurring or shift that component to another machine.
679	Failed to copy Board data.	Failed to copy Board data.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
680	NOZZLE SET INFORMATION ERROR	The selected nozzle cannot be fixed to this head.	When the nozzle configuration was edited a setting was used which attaches a nozzle to a head which can not accommodate that nozzle. Do not attach that nozzle to that head.
681	COMMAND ERROR	[A2 NOZZLE SETTING] can be modified only when "EDITING" selected for NZL.CONDITION SEL. But you can temporarily switch to "EDITING". (until you exit the Making Data mode) To switch to "EDITING", tap the [ENTER] key. Not to switch, tap any other key.	The nozzle setting was selected even though the nozzle setting conditions must be edited manually. Do not change that setting or edit the setting conditions manually.

Ea : Application Error

No	Title	Message	Detail (Action)
682	No head available to pick up the parts	Machine _XXXX Parts _XXXX Name _XXXX Check below - Parts size - Required nozzle (Parts data)	Because the components are too big there is no head to which an appropriate nozzle can be attached or there is something wrong with the component data setting specifying the nozzle to be used. Go back to the editing screen and check the component data.
683	Wait a moment while	copying Board data....	Please wait until the data has been copied.
684	Nozzle settings are shown below.	XY TABLE[Upper = Head No., Lower = Nozzle Type] Head _XXXX Nzl. _XXXX	
685	No head matches the recognition system needed for the	component below. Component _XXXX Name _XXXX The recognition system is decided by the component size and Alignment Module setting in Component info.. But the recognition system is not set in Head Type of Head Down Offset.	
686	MOUNT POSITION OVER THE SOFT LIMIT	Parts _XXXX Name _XXXX The coordinate, calculated by the mount position, the block repeat origin and the board origin, is over the soft limit.	
687	No head available to pick up the parts	Parts _XXXX Name _XXXX Nozzles are set in the parts data and the nozzle specification, but not set in the head specification.	
688	No head can execute the FINE sequence.	Parts _XXXX Name _XXXX Mount Action is set to "FINE" in parts data. But the selected alignment unit can't work the "FINE" sequence. Or head which can work "FINE" is not selected in the Head Down Offset data.	
689	No head can reach the pick up position.	Parts _XXXX Name _XXXX The feeder position is out of the soft limit. In case of tray parts, the pick up position is calculated with the tray position set in Tray info.	
690	There is no more than one moun data.	In this case, [REPLACE] and [MULTIPLY COMPONENT] of the [Assistant] function can't be used.	No placing information exists. Input the placing data.
691	There is no more than one parts data.	In this case, [REPLACE] and [MULTIPLY COMPONENT] of the [Assistant] function can't be used.	No component information exists. Input the component information.

Ea : Application Error

No	Title	Message	Detail (Action)
692	There is no more than one data in mount data or parts data.	In this case, [RENUMBER COMPONENT] can't be used.	There is no component or placing information. Input the component or placing information.
693	The Assistant function can't be used.	Because there is no vacant number.	There is too much component data registered which is not needed or there is too much component data which is actually being used. If too much unnecessary data has been registered delete some of it. In any other case the supplementary editing function cannot be used.
694	Feeder set position is wrong.	Although Machine: _XXXX Component Name: _XXXX CompNo.: _XXXX SetNo.: _XXXX FeederType: _XXXX is defined as [Use feeder opt.:No] or defined in STATIC_COMPONENT, or fixed by FEEDER SET CONDITION, this position is not available to set the feeder because of this position is not allowed in FEEDER PLATE INF.	
695	DATA ERROR	Failed to set up the alternative parts. Machine _XXXX Name _XXXX There is no space on the feeder plate to set the parts on.	
696	When you select the [STATIC_COMPONENTS], cannot	use this function.	
697	Fail to set the below component	in Static component. Machine _XXXX Static Comp. _XXXX Name _XXXX The feeder position of the above part is not allowed in FEEDER PLATE INF.	
698	Fail to set the below component	in fixed Board. Machine _XXXX FIXED Board _XXXX Component _XXXX Name _XXXX The feeder position of the above part is not allowed in FEEDER PLATE INF.	
699	Fail to set the parts.	Parts _XXXX Name _XXXX The required set position is not allowed in the feeder specification, or the feeder is interfered with the other parts.	

Ea : Application Error

No	Title	Message	Detail (Action)
700	Failed to open parts data.	Failed to open parts data.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
701	Failed to load parts data.	Failed to load parts data.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
702	Failed to write parts data.	Failed to write parts data.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
703	Parts data is not selected.	Parts data is not selected.	Component information has not been selected. Select the component information.
704	This parts name already exists in the destination.	Do you really want to continue? Parts _XXXX Parts Name _XXXX To cancel, tap the [ESC] key. To continue, tap any other key.	A component with the same name is already located at that destination. If having two components with the same name at the destination is not a problem go ahead with the shift. Otherwise press the ESC key to interrupt the shift.
705	The component shown below cannot be moved	because it does not fulfill the right conditions. Component _XXXX Component Name _XXXX The condition for moving component Do not use fixed component reference function Use feeder optimization	In the group of comp. Being moved in the component information screen a component exists which uses fixed component reference function. The component will not be moved. No remedy.

Ea : Application Error

No	Title	Message	Detail (Action)
706	The component shown below has "Teaching"	as its "Pos. Definition". Do you want to continue? Component _XXXX Component Name _XXXX [ESC] key to abort Any other key to continue	In the group of components being moved on the component information screen feeder position coordinates exist which are teaching data. To cancel the movement because of the position coordinate teaching press the ESC key. To continue the movement press any other key.
707	Do you want to define alternative parts?	To cancel, tap the [ESC] key. To continue, tap any other key.	
708	The feeder type of component shown below is	multistick. The multistick that is set in same feeder set number is not moved. Do you want to continue? Component _XXXX Component Name _XXXX [ESC] key to abort Any other key to continue	
709	The feeder type of CMP shown below is multistick.	Component _XXXX Component Name _XXXX Which group of multistick do you want to move? GROUP SET No. ----- Choose by arrow key. [INS] key to increase SET No., and [DEL] key to decrease. [ENTER] key to go. [ESC] key to abort.	
710	Failed to open Board data.	Machine _XXXX Board _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary Board data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
711	Failed to read Board data.	Machine _XXXX Board _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary Board data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.

Ea : Application Error

No	Title	Message	Detail (Action)
712	Failed to write Board data.	Machine _XXXX Board _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary Board data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
713	Failed to copy Board data.	Machine _XXXX Board _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary Board data and then delete it. In any other case check to see how often the problem occurs and contact the manufacturer.
715	Failed to fix the component on the Board.	Machine _XXXX Board _XXXX	The components cannot be fixed because they interfere with another feeder which has already been fixed. Do not attempt to fix the components causing the interference or stop trying to fix the components which are currently displayed.
716	MULTI-STICK PARTS MOVING ERROR	There are parts looping with the alternative parts in the different group. In this case, the multi-stick parts can't be moved. Tap any key.	
720	Fixed component information error	Failed to open fixed component information.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
721	FIXED BOARD DATA MATCHING: FIXED BOARD READ ERROR	Failed to read Fixed Board data. Please make sure that Fixed Board data exists. Fixed Board: _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.

Ea : Application Error

No	Title	Message	Detail (Action)
722	Fixed component information error	Failed to write fixed component information.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
723	FIXED BOARD DATA MATCHING: MISSING PARTS DATA	Parts data of Fixed Board Data doesn't exist. Please confirm Fixed Board Data. FIXED BOARD DATA : _XXXX FIXED BOARD PARTS DATA : No._XXXX BOARD PARTS DATA : No._XXXX	There was an error in registering the fixed component reference number or the fixed component has not yet been registered. Go back to the editing screen and check the reference number for the fixed component. If the fixed component has not yet been registered register it.
724	Fixed component information error	"Component Name are different for Board data and fixed component.	
725	FIXED BOARD DATA MATCHING: FEEDER TYPE ERROR	Feeder type doesn't match with parts data of Fixed Board Data. Please confirm the feeder type. FIXED BOARD DATA : _XXXX FIXED BOARD PARTS DATA : No._XXXX BOARD PARTS DATA : No._XXXX	The name of the feeder being used in the Board data is different from the fixed component feeder being referenced by that component. Change the name of the feeder being used in the Board data to match that of the fixed component feeder.
726	You cannot multiply following components	Use fixed component reference function Do not use feeder optimization Tray components	An attempt was made to input multiple components referencing fixed components on the component information screen. There cannot be more than one component referencing any particular fixed component.
727	Failed to fix the component in fixed component.	Failed to fix the component in fixed component.	The components cannot be fixed because they interfere with another feeder which has already been fixed. Edit the fixed component information and delete the component which is causing the interference.

Ea : Application Error

No	Title	Message	Detail (Action)
730	ALTERNATIVE PARTS ERROR	Failed to load the alternative parts data.	The data for the alternative component specified by the component data does not exist or there is a problem with the hard disk. Go back to the editing screen and if the alternative component does not exist register it or change the number of the alternative component. If there is a problem with the hard disk check to see how often it occurs and contact the manufacturer.
731	ALTERNATIVE PARTS ERROR	Loop is not enabled. Parts number to start looping from is Parts _XXXX Name _XXXX	The alternative component settings go from 1 to 2 to 3 and then stop or form a figure 6 by going from 1 to 2 to 3 and back to 2 again. Go back to the editing screen and check the alternative component numbers.
732	ALTERNATIVE PARTS ERROR	Alternative parts data to the following parts doesn't exist. Machine _XXXX Parts _XXXX Name _XXXX	The user has forgotten to register the alternative components or there is a registration error in the alternative component number. Go back to the editing screen and register the alternative components or change the number of the alternative components.
733	Alternative component error	"Feeder Type" is not the same as the original one. In Static Components, the component data of same name are dialed with the alternative component. Each alternative components need to same the above condition.	The feeder being used for alternative components is not the same feeder that was used for the original components. The feeder type for alternative components must be the same.
734	Alternative component error	"Required Nozzle" is not the same as the original one. In Static Components,the component data of same name are dialed with the alternative component. Each alternative components need to same the above condition.	The nozzle being used for alternative components is not the same nozzle that was used for the original components. Go back to the editing screen and make the nozzle being used for alternative components match the nozzle that was used for the original components.
735	Alternative component error	"CountOutStop" is not the same as the original one. In Static Components,the component data of same name are dialed with the alternative component. Each alternative components need to same the above condition.	The setting for the "count out stop" function used with alternative components does not match that used with the original components. The setting for the "count out stop" function must be the same for alternative components.

Ea : Application Error

No	Title	Message	Detail (Action)
736	Alternative component error	"UpdateGroupNo" must be all positive or all 0 in loop. In Static Components,the component data of same name are dialed with the alternative component. Each alternative components need to same the above condition.	In the alternative components loop some of the components reference fixed components while some do not. Go back to the editing screen and change the settings so that they all reference fixed components or none of them do.
737	Alternative component error	Mount table is not the same as the original one.	
738	Alternative component error	You cannot use alternative function for tray.	An attempt was made to use alternative components as tray components. Go back to the editing screen and change the alternative component number for the tray components to 0.
739	Alternative component error	Component Names are different from the original ones.	The name of the alternative component does not match the name of the original component. Go back to the editing screen and change the name of the alternative component so it matches that of the original component.
740	Failed to open a fixed component matching work file.	Failed to open a fixed component matching work file.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
741	Failed to read a fixed component matching work file.	Failed to read a fixed component matching work file.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.

Ea : Application Error

No	Title	Message	Detail (Action)
742	Failed to write a fixed component matching work file.	Failed to write a fixed component matching work file.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
750	Failed to open a fixed component work file.	Failed to open a fixed component work file.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
751	Failed to read a fixed component work file.	Failed to read a fixed component work file.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
752	Failed to write a fixed component work file.	Failed to write a fixed component work file.	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
760	Can't multiply the parts any more.	Can't multiply the parts any more.	An excessively large value was input for the number of component divisions. Reduce the number of component divisions.
761	The parts number specified in mount data is too large.	The parts number specified in mount data is too large.	The number input for the components in the mounting data is too large. Go back to the editing screen and correct the component number in the mounting data.

Ea : Application Error

No	Title	Message	Detail (Action)
762	Selected board data is not registered on the selected line.	Selected board data is not registered on the selected line.	There is an error in the selection of either the line or the Board data or the Board data has not been registered. Correct the selection of either the line or the Board data or register the Board data
763	Too many points, local and 4-point fiducial data.	Too many points, local and 4-point fiducial data.	Too many point local or 4-point fiducials are being used. Reduce the number of point local or 4-point fiducials.
764	Too much mark data.	Too much mark data.	There are too many elements of mark data being used for fiducials and bad marks. Reduce the mark data.
765	Illegal mark number is specified in fiducial data.	Illegal mark number is specified in fiducial data.	The number of the mark specified in the fiducial data. Go back to the editing screen and correct the mark number in the fiducial data.
766	Have you saved component information?	[ESC] key to abort fixed comp.match Any other key to exec fixed comp.match	If the data has not been saved press the ESC key. After the data has been saved try the fixed component matching. If the data has already been saved press any other key to proceed.
767	Have you saved component information?	If not, the data you have changed are lost. For ex., MULTIPLY COMPONET or FIXED COMPONENT MATCH, these results will be lost. [ESC] key to abort auto distribution Any other key to exec auto distribution	If the data has not been saved press the ESC key. After the data has been saved try the fixed component matching. If the data has already been saved press any other key to proceed.
770	Failed to open nozzle combination information.	The setting of NZL. CONDITION is EDITING. Edit the nozzle condition in NOZZLE SETTING. Machine _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.

Ea : Application Error

No	Title	Message	Detail (Action)
771	Failed to read nozzle combination information.	Machine _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
772	Failed to write nozzle combination information.	Machine _XXXX	There is no space available on the hard disk or there is a problem with the hard disk. If there is no space available back up any unnecessary PCB data and then delete it. If there is a problem with the disk check to see how often the problem occurs and contact the manufacturer.
773	Failed to open non stop distribution information.	Machine _XXXX	
774	Failed to read non stop distribution information.	Machine _XXXX	
775	Failed to write non stop distribution information.	Machine _XXXX	
780	Failed to read machine configuration.	Machine _XXXX	The software versions do not match or there is a problem with the hard disk. Check the software versions and contact the manufacturer.
781	Failed to read machine data.	Machine _XXXX	No machine data has been registered; machine data has been registered which is different from the registered model number, or there is a problem with the hard disk. Check to see if the machine data has been registered correctly. If the problem occurs even if the data has been registered check to see how often it occurs and contact the manufacturer.

Ea : Application Error

No	Title	Message	Detail (Action)
782	Failed to read machine specification.	Machine _XXXX	The software versions do not match or there is a problem with the hard disk. Check the software versions and contact the manufacturer.
789	CAUTION:	Some machines have board data with a common board name. If their board data, mark data and block repeat data are different from each other, those of the first machine on the line will be copied to the others. Press the [Enter] key to continue. Press the [Esc] key to cancel.	
790	Now copying Board data to work data (DUMMY_GENERATOR).	Now copying Board data to work data (DUMMY_GENERATOR).	Wait for the process to be completed.
792	Generating a nozzle file.	Generating a nozzle file.	Wait for the process to be completed.
794	Accessing a disk.	Wait a moment.	Wait for the process to be completed.
795	Displaying nozzle combination	[ESC] : No display ANY OTHER KEY: Display nozzle	
796	Failed to make work data (DUMMY_GENERATOR).	Mark data in board data doesn't match with that in the other machine.	In PCB Inf. difference mark number is used between the machines. Using the same mark number in PCB Inf. among the machines.
797	No board name or line name is selected.	1. To create data, select a board and a line. 2. To select a line, please select board data first. 3. To select a fixed board, please select board data first.	exiting without choice. If you haven't chosen Choose. If you stop making data no need.
798	No machine with Slide Feeder Bar.	Because there is no machine with Slide Feeder Bar, NON STOP CONDITION is not available. LIST TO ABORT NON-STOP is also not available.	
799	Failed during COMP.GLOBAL TO TEXT.	If the COMP.GLOBAL TEXT DATA is opened in another window, close the file to enable to create the file. Or if no space is left in hard disk, it causes this error.	

Ea : Application Error

No	Title	Message	Detail (Action)
801	INTERLOCK "FRONT-RIGHT COVER"	QUICK STOP ACTIVE: "NJ06 FRONT-RIGHT COVER" QUICK STOP FUNCTION is now active. To continue, please ensure that the front cover is correctly closed.	The cover on the front side is open or the sensor is defective. Close the cover.
802	INTERLOCK "REAR-RIGHT COVER"	QUICK STOP ACTIVE: "NJ07 REAR-RIGHT COVER" QUICK STOP FUNCTION is now active. To continue, please ensure that the front cover is closed correctly.	
803	INTERLOCK "FRONT-FEEDER SENSOR 1"	QUICK STOP ACTIVE: "FRONT-FEEDER SENSOR 1" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	Feeder has not been installed correctly or sensor is defective. In some cases this message is displayed during an emergency stop but this is normal and does not indicate a problem. In any case other than an emergency stop check feeder installation.
804	INTERLOCK "REAR-LEFT COVER"	QUICK STOP ACTIVE: "NM06 REAR-LEFT COVER" QUICK STOP FUNCTION is now active. To continue, please ensure that the rear cover is correctly closed.	A cover is open or the sensor is defective. Close the cover.
805	INTERLOCK "FRONT-LEFT COVER"	QUICK STOP ACTIVE: "NM07 FRONT-LEFT COVER" QUICK STOP FUNCTION is now active. To continue, please ensure that the rear cover is correctly closed.	A cover is open or the sensor is defective. Close the cover.
806	INTERLOCK "AIR PRESSURE"	QUICK STOP ACTIVE: "AIR PRESSURE" QUICK STOP FUNCTION is now active. To continue, please check the air supply pressure.	
807	INTERLOCK "REAR-FEEDER SENSOR 1"	QUICK STOP ACTIVE: "REAR-FEEDER SENSOR 1" QUICK STOP FUNCTION is now active. To continue, please ensure that the rear feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	Feeder has not been installed correctly or sensor is defective. In some cases this message is displayed during an emergency stop but this is normal and does not indicate a problem. In any case other than an emergency stop check feeder installation

Ea : Application Error

No	Title	Message	Detail (Action)
808	INTERLOCK "BOARD TRANSFER HOOK NG SENSOR"	QUICK STOP ACTIVE: "BOARD TRANSFER HOOK NG SENSOR" QUICK STOP FUNCTION is now active. Some of following sensor is OFF. [N1022] [N1023] [N1024] Remove the Board and check the conveyor condition.	The edge of a Board has gotten caught on the edge of the connecting section of the conveyor or an excessive load is placed on the transport unit because the Board is too wide for the conveyor thus activating the interlock. Find out where the excessive load is occurring and adjust the Board width or the conveyor position.
809	INTERLOCK "FRONT AREA SENSOR"	QUICK STOP ACTIVE: "Front area sensor" QUICK STOP FUNCTION is now active. Remove the cause of QUICK STOP.	This depends on optional equipment being used.
810	INTERLOCK "REAR AREA SENSOR"	QUICK STOP ACTIVE: "REAR area sensor" QUICK STOP FUNCTION is now active. Remove the cause of QUICK STOP.	This depends on optional equipment being used.
811	INTERLOCK "FRONT-FEEDER PLATE SENSOR 1"	QUICK STOP ACTIVE: "FRONT-FEEDER PLATE SENSOR 1" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeder plate is inserted correctly.	The feeder plate has not been attached securely or the sensor is malfunctioning. Make sure the feeder plate is attached securely.
812	INTERLOCK "REAR-FEEDER PLATE SENSOR 1"	QUICK STOP ACTIVE: "REAR-FEEDER PLATE SENSOR 1" QUICK STOP FUNCTION is now active. To continue, please ensure that the rear feeder plate is inserted correctly.	The feeder plate has not been attached securely or the sensor is malfunctioning. Make sure the feeder plate is attached securely.
813	INTERLOCK "BUFFER CONVEYOR"	QUICK STOP ACTIVE: "Buffer Conveyor Interlock" QUICK STOP FUNCTION is now active.	
814	INTERLOCK "FRONT-FEEDER SENSOR 2"	QUICK STOP ACTIVE: "FRONT-FEEDER SENSOR 2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
815	INTERLOCK "REAR-FEEDER SENSOR 2"	QUICK STOP ACTIVE: "REAR-FEEDER SENSOR 2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
816	INTERLOCK "FRONT-FEEDER PLATE SENSOR 2"	QUICK STOP ACTIVE: "FRONT-FEEDER PLATE SENSOR 2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeder plate is inserted correctly.	

Ea : Application Error

No	Title	Message	Detail (Action)
817	INTERLOCK "REAR-FEEDER PLATE SENSOR 2"	QUICK STOP ACTIVE: "REAR-FEEDER PLATE SENSOR 2" QUICK STOP FUNCTION is now active. To continue, please ensure that the rear feeder plate is inserted correctly.	
818	QUICK STOP ACTIVE	QUICK STOP FUNCTION is now active. Please check the status of the conveyor width safety check sensor.	Emergency stop was triggered by the "conveyor width safety check sensor". Check the status of the conveyor width safety check sensor.
819	INTERLOCK "ALARM: COOLING FAN X1-AXIS IS NOT WORKING"	QUICK STOP ACTIVE: "ALARM: COOLING FAN X1-AXIS IS NOT WORKING" QUICK STOP FUNCTION is now active. Please check the status.	
820	INTERLOCK "ALARM: COOLING FAN X2-AXIS IS NOT WORKING"	QUICK STOP ACTIVE: "ALARM: COOLING FAN X2-AXIS IS NOT WORKING" QUICK STOP FUNCTION is now active. Please check the status.	
825	CLEANER BLOWER MOTOR OVERHEATED OR INVERTER FAULT LOAD	Blower motor of the cleaner overheated, or the inverter overload. POSSIBLE CAUSES: - The pipe of the cleaner hose is clogged. - The blower motor is broken. - The inverter is broken. - The temperature of the blower motor is too high because of continuous working.	
826	INSPECTION CAMERA LIGHT OVERHEATED	Temperature of inspection camera light is too high. You cannot use inspection camera under this condition.	
827	HEAD 1 HEATER TEMPERATURE OVERHEATED	Unusual temperature of the head heater or a feedback error was detected. You cannot run the machine under this condition. Please check Heater condition. Possible causes: Temperature sensor broken. Heater broken. No connection between temperature sensor and the heater. Error in the head IO system.	
828	HEAD 2 HEATER TEMPERATURE OVERHEATED	Unusual temperature of the head heater or a feedback error was detected. You cannot run the machine under this condition. Please check Heater condition. Possible cause: Temperature sensor broken. Heater broken. No connection between temperature sensor and the heater. Error in the head IO system.	

Ea : Application Error

No	Title	Message	Detail (Action)
829	HEAD 3 HEATER TEMPERATURE OVERHEATED	Unusual temperature of the head heater or a feedback error was detected. You cannot run the machine under this condition. Please check Heater condition. Possible cause: Temperature sensor broken. Heater broken. No connection between temperature sensor and the heater. Error in the head IO system.	
831	INTERLOCK "MAIN STOPPER"	Operation of the main stopper in this table height cannot be performed. -Please lower the Board table. Or You can't move table on dangerous position, because the main stopper is upper. -Please move main stopper down.	Main stopper is raised, creating a dangerous situation. Lower the main stopper.
832	INTERLOCK "ALARM: COOLING FAN Y1-AXIS IS NOT WORKING"	"ALARM: COOLING FAN Y1-AXIS IS NOT WORKING" QUICK STOP FUNCTION is now active. Please check the status.	
833	INTERLOCK "ALARM: COOLING FAN Y2-AXIS IS NOT WORKING"	"ALARM: COOLING FAN Y2-AXIS IS NOT WORKING" QUICK STOP FUNCTION is now active. Please check the status.	
834	INTERLOCK "ALARM: COOLING FAN WAFER CAMERA LIGHT IS NOT WORKING"	"ALARM: COOLING FAN WAFER CAMERA LIGHT IS NOT WORKING" QUICK STOP FUNCTION is now active. Please check the status.	
848	QUICK STOP ACTIVE:	"ALARM: IONIZER IS ABNORMAL" QUICK STOP FUNCTION is now active. Please check the status.	
850	INTERLOCK ERROR	Head down sensor is OFF. Remove the cause of this sensor being OFF.	Head does not move up due to malfunction, or sensor error occurred. Check the head for up/down movement.
851	INTERLOCK ERROR	Transfer axis up/down sensor is OFF. Remove the cause of this sensor being OFF.	Board conveyor unit is left lowered, or sensor error occurred. Check the conveyor unit for up/down movement.
852	INTERLOCK ERROR	The sensor for main stopper, push-up or entrance stopper is ON. Remove the cause of this sensor being ON.	Sensor is defective or actuator operation is poor. Check the conveyor unit for up/down movement.

Ea : Application Error

No	Title	Message	Detail (Action)
860	INTERLOCK ERROR	The sensor of the External Tray Changer head is OFF. Please remove the cause.	The head of the external tray changer has descended or the sensor is detecting the lowered position. Switch the manual mode raise the pickup head for the external tray and start operation again.
861	INTERLOCK ERROR	Tray changer pallet is out of the magazine. Please put it back.	The pallet eject sensor in the magazine has been activated. Store the pallet in a position in the magazine where it does not activate the pallet eject sensor.
862	INTERLOCK ERROR	Tray changer pallet is out on the table. Please put it back to the magazine.	
863	INTERLOCK ERROR	The pallet latch condition is unusual. POSSIBLE CAUSES: 1. The open/close sensor of the pallet latch is in the unusual state. 2. A pallet is going to be pulled out, though the tray unit and the latch are closed. There are possibilities that the latch or the latch sensor is broken or the sensor is working incorrectly. Please check the latch sensor and the tray unit.	The operation of the latch sensor is inappropriate. Re-adjust the latch sensor or push the pallet to a position where the sensor operates correctly.
864	INTERLOCK ERROR	Can't move X, Y, R and W axes, because Z axis is moving down or the Z axis position safety sensor is OFF. Please raise the head (Z-axis) by hand.	Head is lowered or sensor is defective. Raise the head (Z-axis) by hand.
865	INTERLOCK ERROR	Can't move X and Y axis, because the nozzle station is not at the bottom. Lower the nozzle station in manual mode. With the nozzle station lowered, check I/O monitor to see if the sensor is working. If not, replace the sensor.	Nozzle station is raised, or the lower end sensor in the nozzle station does not work. Lower the nozzle station in manual mode. With the nozzle station lowered, check I/O monitor to see if the sensor is working. If not, replace the sensor.
866	INTERLOCK ERROR	Can't move Z axis, because X or Y axis is moving.	
869	<<< WARNING SENSOR ERROR >>>	Head Down Sensor or Lower Sensor is not working. Check the sensors and remove the cause. Can't start auto-running without the sensors activated.	
870	<<< WARNING SENSOR ERROR >>>	Head Down Sensor or Lower Sensor on B-table is not working. Check the sensors and remove the cause. Can't start auto-running without the sensors activated.	

Ea : Application Error

No	Title	Message	Detail (Action)
871	<<< WARNING! SENSOR ERROR >>>	Head up-down action is abnormal. POSSIBLE CAUSES: - Board fixation is not correct. - PickHeight or MntHeight is not correct. - The head lower-end sensor is not working. - The head lowering valve is not working. - The nozzle shaft is bent. - The head did not reach the bottom within 1 sec.	1. Board surface is too high, so the cylinder does not lower to a position where the sensor responds. 2. Pickup height or mount height setting is too large, so the cylinder does not lower to a position where the sensor responds. 3. Lower end sensor position is inappropriate, so the sensor does not respond correctly. 4. Piston movement in the head descent valve is not smooth. 5. Nozzle shaft is deformed or bent, so the head does not move up or down. Eliminate the cause of the error by referring to the above description.
872	INTERLOCK ERROR	You can't move X or Y axis, because there isn't a special light at the bottom.	
874	INTERLOCK ERROR	You can't move W axis, because the safety sensor on buffer conveyor is ON.	
876	INTERLOCK ERROR	Can't move TrayChanger Z axis, because the Magazine Clamp condition is illegal. Press the [EMERGENCY STOP] button on and open the door, and check the condition of Magazine and Magazine Clamp sensor. After that, release the [EMERGENCY STOP] button, and start running.	
877	INTERLOCK ERROR	R-axis can't be moved, because the condition of output and input of FNC Clutch Clamp. Please check below: 1. Sensor of FNC Clutch. 2. Value of [INIT MOVE] for R-axis in machine data.	
879	<< CRITICAL ERROR >>	NOZZLE DOWN LIMIT SENSOR CHECK ERROR Nozzle down limit sensor is ON even when the head reach lower-end. The sensor condition is not correct and this may cause big problem. Please check the sensor and remove the cause of this sensor keeps being ON. TABLE _XXXX Error Detail No. _XXXX	
880	<< WARNING VACUUM LEVEL ERROR >>	MOUNT IO SEQUENCE VACUUM LEVEL ERROR Negative pressure was insufficient during component placement. The nozzle might have brought the component back without placing it on the board. Open the [Unit] - [Head] tab and immediately check the nozzles and valves. Head No. _XXXX	Negative pressure was insufficient during component placement. A nozzle might have brought a component back without placing it on the board. Open the [Unit] - [Head] tab and immediately check the nozzles and valves.

Ea : Application Error

No	Title	Message	Detail (Action)
881	INTERLOCK ERROR	Can't move N axis. POSSIBLE CAUSES: 1. There is a head with INDEX nozzle. 2. The condition of the nozzle station sensor is unusual.	
882	INTERLOCK ERROR	Can't move axis, because the lights of Digital Multi Camera are moved up. Please make sure that 1. The lights of Digital Multi Camera are not moved up. 2. Sensor of the Digital Multi Camera lights works normally.	
883	INTERLOCK ERROR	You can't move W axis, because the cover on lower conveyor is open.	
884	ALARM	The light of Wafer Camera was turned off, because it had been lighting too long. Turn it on again if necessary.	
887	INTERLOCK ERROR	You can't move X or Y axis, because some nozzles exist in the shaft cleaning blow units.	
888	ILLEGAL NOZZLE DOWN ACTION 1	Head couldn't reach the lower end. The following causes are considered. - Board is not fixed correctly. - Mount Height is not correct. - The nozzle shaft is bent. - The head didn't reach the bottom within 1 sec. - Fatal error occurred in Servo system. - Fatal error occurred in I/O communication. TABLE _XXXX HEAD _XXXX	
889	ILLEGAL NOZZLE DOWN ACTION 2	Head couldn't reach the lower end. The following causes are considered. - Mount Height is not correct. - The nozzle shaft is bent. - Fatal error occurred in Servo system. - Fatal error occurred in I/O communication. TABLE _XXXX HEAD _XXXX	
890	ILLEGAL NOZZLE DOWN ACTION 3	Head couldn't reach the height to start blowing. The following causes are considered. - Mount Height is not correct. - The nozzle shaft is bent. - The head did not reach the blow position within 1 sec. - Fatal error occurred in Servo system. - Fatal error occurred in I/O communication. TABLE _XXXX HEAD _XXXX	
891	INTERLOCK ERROR	You can't move X or Y axis, because there isn't a shaft cleaning blow unit at the bottom.	

Ea : Application Error

No	Title	Message	Detail (Action)
892	NOZZLE MISMATCH ERROR 1	<p>The installed nozzle and the vacancy of the nozzle station are not matching.</p> <p>Table _XXXX Head _XXXX Nozzle Type _XXXX</p> <p>There is a possibility that a wrong nozzle was picked. Please put the nozzle back to the nozzle station by hand, and perform a nozzle change again.</p> <p>It is very dangerous to continue in this condition. Do you want to quit? [YES] Quit [NO] Continue</p>	
893	Nozzle MISMATCH ERROR 2	<p>The nozzle to be installed is still on the nozzle station.</p> <p>Table _XXXX Head _XXXX Nozzle Type _XXXX</p> <p>Confirm that no nozzle is on the head, and perform a nozzle change. If a nozzle is on the head, that on the nozzle station may have restored wrongly by the other head.</p> <p>It is very dangerous to continue in this condition. Do you want to quit? [YES] Quit [NO] Continue</p>	
894	NOZZLE MISMATCH ERROR 3	<p>There is more than one vacancy in the nozzle station, so can't find which nozzle was picked.</p> <p>Table _XXXX Head _XXXX Nozzle Type _XXXX</p> <p>There is a possibility that some nozzles were stored to the other place. Please confirm which nozzle is on the head, and put the other nozzles back into the nozzle station by hand.</p> <p>It is very dangerous to continue in this condition. Do you want to quit?</p>	
895	NOZZLE MISMATCH ERROR	<p>Force-operating was selected. Do you really want to start operating? [YES] Continue [NO] Quit</p>	
896	INTERLOCK "SHAFT BLOW NOZZLE SENSOR A"	<p>Nozzle detecting sensor on the shaft blow unit detects something. Possible casuses: - Some nozzles are on the blow unit. - Something is bothering the sensor. - The sensor is broken. Table A</p>	
897	INTERLOCK "SHAFT BLOW NOZZLE SENSOR B"	<p>Nozzle detecting sensor on the shaft blow unit detects something. Possible casuses: - Some nozzles are on the blow unit. - Something is bothering the sensor. - The sensor is broken. Table B</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
898	INTERLOCK "SHAFT BLOW NOZZLE SENSOR C"	Nozzle detecting sensor on the shaft blow unit detects something. Possible casuses: - Some nozzles are on the blow unit. - Something is bothering the sensor. - The sensor is broken. Table C	
899	INTERLOCK "SHAFT BLOW NOZZLE SENSOR D"	Nozzle detecting sensor on the shaft blow unit detects something. Possible causes: - Some nozzles are on the blow unit. - Something is bothering the sensor. - The sensor is broken. - The setting in VmSpec is not correct. [Setting] - [Installation Setting] - [Cleaning Blow Unit] Table D	
901	DEFINED MAXIMUM AMOUNT OF BOARDS	When [Board information] - [Unloader Count Max.] is set to "0", it is not counted.	Number of Boards has been reached which signifies that unloader is full and unloading of Boards has stopped because number/capacity of Boards in unloader has reached number set in Board information. Replace unloader rack or if control is incorrect set number/ capacity of unloader Boards to 0.
902	DEFINED PRODUCTION AMOUNT OF BOARDS IS REACHED.	To continue the production, set [Board/Schedule] to "0". When switching the board data, make sure that there is no board on the buffer conveyor.	The number of Boards to be produced has been specified in the Board information and that number has been reached. Shift to the Board information and on the Board information screen specify the additional number of Boards to be produced. Then start the operation again.
904	Now WARMING UP	Press any key to stop WARMING UP.	
905	Stopped according to CONVEY OUT BOARD button.	When switching the Board data, make sure that there is no Board on the buffer conveyor.	The components have been mounted on the Board and the eject command was issued. Mounting of all Boards being loaded at that point is brought to a stop. To continue production press the Run key at this point. Operation will be restarted.
906	EMERGENCY STOP function is now active.	Or INTERLOCK is active.	An emergency stop is in progress. Press the Ready button to cancel the emergency stop status.

Ea : Application Error

No	Title	Message	Detail (Action)
909	Search for origin failed	due to EMERGENCY SWITCH or SERVO ERROR.	The Emergency Stop button was pressed during a return to the origin point or the servo is defective. Do not use the Emergency Stop button while a return to the origin point is in progress. Check how often the problem occurs and contact the manufacturer.
910	ILLEGAL TRAY DATA DURING RUNNING 1	Cause: Illegal data found during running. Solution: Reset auto-running.	Because the operation is complex the system has lost track of where the component is. Reset the system.
914	CYCLE STOP button was executed.	CYCLE STOP button was executed.	
915	DEFINED PRODUCTION AMOUNT OF BOARDS IS REACHED.	To continue the production, set [Board/Schedule] to "0". When switching the board data, make sure that there is no board on the buffer conveyor.	
916	CYCLE STOP button was executed.	CYCLE STOP button was executed.	
917	GROUP CYCLE STOP button was executed.	GROUP CYCLE STOP button was executed.	
918	RETURN-TO-ORIGIN ERROR	Return-to-Origin failed. The dual-offset value and the actual position (result of calculation) are too much different.	
919	INTERLOCK ERROR	The Y-axis is interfering with the wafer camera LCY-axis. Please move the Y-axis to front side.	
928	CONFORM DATUM BALL AUTO SET	Datum ball has already been set. Execute the automatic setting of datum ball?.	
929	DATUM BALL AUTO SET ERROR	The automatic setting of datum ball failed. Please set it by manual.	
930	SIDE VIEW CAMERA : NOZZLE UNCLEAR ERROR	Multi-camera recognition was successful. However, Side View Camera recognition was failed. Please check and clean the nozzle if necessary. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
931	SIDE VIEW CAMERA : PARTS PICKED SIDEWAYS	<p>Side View Camera found the parts picked up sideways.</p> <p>Please confirm that</p> <ul style="list-style-type: none"> - the pickup position is correct by turning the feeder by hand. - the nozzle tip is not broken and not clogged. - the pick up position(X,Y) in parts data is correct. <p>Mount data _XXXX Head _XXXX Parts data _XXXX Name _XXXX Comment _XXXX</p>	
932	SIDE VIEW CAMERA : PARTS THICKNESS ERROR	<p>Side View Camera found the parts thickness was out of tolerance. Please confirm the tolerance value in parts data.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	
933	SIDE VIEW CAMERA : RECOGNITION ERROR	<p>Although multi-camera recognition was successful, side view camera recognition was failed.</p> <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	
934	MULTI-CAMERA RECOGNITION ERROR	<p>Side View Camera recognition was successful. However multi-camera recognition was failed.</p> <p>Please confirm that</p> <ul style="list-style-type: none"> - the parts size XY is correct. - the light level and the threshold are correct. - the pick up posture is correct. <p>Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX</p>	
935	SIDE VIEW CAMERA : NOZZLE INFORMATION SENDING ERROR	An error occurred while sending the nozzle basic information from Side View Camera to Vision.	
936	SIDE VIEW CAMERA : NOZZLE INFORMATION SENDING ERROR	An error occurred while sending the nozzle detail information from Side View Camera to Vision.	
937	SIDE VIEW CAMERA : SETTING ERROR	Side View Camera is disabled in Installation Setting, but is enabled in Camera Specification. Please check the machine data.	
938	SIDE VIEW CAMERA : SETTING ERROR	Side View Camera is enabled in Installation Setting, but is disabled in Camera Specification. Please check the machine data.	

Ea : Application Error

No	Title	Message	Detail (Action)
939	SIDE VIEW CAMERA : NOZZLE ERROR	The nozzle can't be used for a recognition with Side View Camera. Please check the following item in machine data. [Side View Camera Spec] - [Nozzle Basic Setting] - [Side View Camera] PartsData _XXXX	
940	SIDE VIEW CAMERA : PARTS SIZE ERROR	The parts size is out of range for a Side View Camera recognition. PartsData _XXXX	
941	SIDE VIEW CAMERA : PARTS THICKNESS ERROR	The parts are too thin to be measured in the normal mode. Parts thickness allowed in the normal mode can be specified below. Machine Setting - [Side View Camera Spec] - [General Setting] - [The minimum part thickness] Please set [Side View Camera] to "Detail mode" in parts data. PartsData _XXXX	
942	SIDE VIEW CAMERA : NOZZLE RECOGNITION ERROR	Can't recognize the parts thickness correctly because the nozzle recognition was failed. Check the correct nozzle is put on the head. If it is, try [Measure Nozzles].	
943	SIDE VIEW CAMERA : PARTS THICKNESS RANGE ERROR	[Part Thickness] for Side View Camera set in parts data must be between 0 to [Body Size Z]. Please check [Part Thickness] and [Body Size Z]. PartsData _XXXX	
944	SIDE VIEW CAMERA : BRING BACK AFTER MOUNT	Side View Camera detected bring back parts after mounting action. It may have failed to mount the parts. Press the [ERROR CLEAR] button, and check the mount position on the board. TABLE _XXXX HEAD _XXXX MOUNT _XXXX	
945	SIDE VIEW CAMERA : BRING BACK AFTER DUMP	Side View Camera detected bring back parts after dumping action. It may have failed to dump the parts. Keep this dialogue displayed, and press the [EMERGENCY STOP] button, and remove the parts. To retry to check the bring back parts, click the [ERROR CLEAR] button. TABLE _XXXX HEAD _XXXX MOUNT _XXXX	
946	SIDE VIEW CAMERA : RETRY SETTING ERROR	Setting of retry for the bring back parts is not done. Set the retry setting for all bring back parts.	

Ea : Application Error

No	Title	Message	Detail (Action)
947	CYCLE STOP	Detected bring back parts during auto-running. The machine stopped without retry, because [NOT RETRY] was selected. Click the [ERROR CLEAR] button.	
948	SIDE VIEW CAMERA: BRING BACK RETRY CHECK	Mounting of the bring back parts was skipped. Are you ok to start auto-running now? [YES] Start auto-running and transfer the board. [NO] Reset and check the board condition.	
949	MOUNTING CONDTION CHECK IS CANCELED	Mounting condition check is canceled. Setting about retry of error component is disabled. Press [OK] button and start running then the machine will continue Auto Running.	
950	SIDE VIEW CAMERA : TIMEOUT ERROR	Application error occurred during a Side View Camera recognition. datail number _XXXX Abort this operation, and try again. Execute the following if this error occurs very often. - execute [Parts Adjust] - [Test]. - Set [Machine Setting] - [Side view camera] to "None". Then reload the board data.	The sensor has malfunctioned or there is a problem with the position coordinates of the device which detects leads which are not securely attached. Trace the position coordinates using the machine data editing function and check the operation of the sensor.
951	SIDE VIEW CAMERA : PARTS REVERSED	Parts are reversed. Check the parts and the sequence unit. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The sensor may have reacted to the sensor which prevents contact between the nozzles and components and the loose lead detection (co-planarity) unit. Check the relative heights of the units and if the sensor needs to be adjusted adjust it. Otherwise if the pickup tolerance for the components is excessive adjust the pickup position.
952	SIDE VIEW CAMERA : PARTS SIZE ERROR	Parts size is out of range of the Side View Camera recognition. Check the parts and its parts data. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	The data has not been adjusted properly. Re-adjust the data.

Ea : Application Error

No	Title	Message	Detail (Action)
953	PICK UP ERROR	Failed to pick up or detect the parts. The feeder can be empty. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
954	PICK UP ERROR	Failed to pick up or detect the parts. The feeder or the tray can be empty. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
955	PICK UP ERROR	Failed to pick up or detect the parts. The feeder or the tray can be empty. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
956	PICK UP ERROR	Failed to pick up or detect the parts. The feeder or the tray can be empty. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
957	PICK UP ERROR	Failed to pick up or detect the parts. The feeder or the tray can be empty. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
958	PICK UP ERROR	Failed to pick up or detect the parts. The feeder or the tray can be empty. Mount data _XXXX Parts data _XXXX Name _XXXX Comment _XXXX Head _XXXX	
967	SAFETY CHECK ERROR	Execute safety check error. The scan camera unit and the nozzle can be interferes.	

Ea : Application Error

No	Title	Message	Detail (Action)
970	BOARD FILE READ ERROR	<p>Failed to load the board data.</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - The mount data in board data or database is invalid. - The mount data file is broken. <p>Solutions:</p> <ul style="list-style-type: none"> - Delete the invalid board data, and copy the backup board data if any. - Delete the invalid board data, and create new one if you don't have backup data. 	<p>Using CAD conversion or other means data was created which exceeds specified file length.</p> <p>Delete data which exceeds file length.</p>
971	BOARD FILE READ ERROR	<p>Failed to load the board data.</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - The parts data in board data or database is invalid. - The data file is broken. <p>Solutions:</p> <ul style="list-style-type: none"> - Delete the invalid board data, and copy the backup board data if any. - Delete the invalid board data, and create new one if you don't have backup data. - If it fails to load from the database, restore the database with the System Backup function. 	
972	BOARD FILE READ ERROR	<p>Failed to load the board data.</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - The mark data in board data or database is invalid. - The data file is broken. <p>Solutions:</p> <ul style="list-style-type: none"> - Delete the invalid board data, and copy the backup board data if any. - Delete the invalid board data, and create new one if you don't have backup data. - If it fails to load from the database, restore the database with the System Backup function. 	
973	BOARD FILE READ ERROR	<p>Failed to load the machine setting data.</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - The data in the machine setting file is invalid. - The data file is broken. <p>Solution:</p> <ul style="list-style-type: none"> - Restore the machine data file with the System Backup function. 	
980	BOARD FILE READ ERROR	<p>Failed to load the machine setting data.</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - The data in the machine setting file is invalid. - The data file is broken. <p>Solution:</p> <ul style="list-style-type: none"> - Restore the machine data file with the System Backup function. 	
989	HEAD SPEC SETTING ERROR	<p>Some heads use a "fixed nozzle" that is not defined in Head spec information.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
992	WAFER NOZZLE SPEC FILE READ ERROR	Failed to read the wafer nozzle spec information file.	
993	INTERLOCK ERROR	Nozzle detecting sensor on the shaft blow unit detects something. Possible Causes: - Some nozzles are not on the blow unit. - Something is bothering the sensor. - The sensor is broken. For a machine with two blow units, please check the front unit sensor.	
994	INTERLOCK ERROR	Nozzle detecting sensor on the shaft blow unit detects something. Possible Causes: - Some nozzles are not on the blow unit. - Something is bothering the sensor. - The sensor is broken. - The setting in VmSpec is not correct. [Setting] - [Installation Setting] - [Cleanig Blow Unit] For a machine with two blow units, please check the rear unit sensor.	
997	INTERLOCK ERROR	Parts may touch the next nozzle. Move the Z axis to the safe position.	

Ea : Application Error

No	Title	Message	Detail (Action)
1023	WARNING: NOT ENOUGH HDD SPACE	Free space in the hard disk is less than 10MB. This may cause a data corruption. Delete the board data in the hard disk after making a backup copy.	Board data are too many. Make a backup of unnecessary board data and delete those data from the hard disk.
1048	NOZZLE CONDITION ERROR	Unclean nozzle was detected with Vision Recognition. Clean the nozzle and confirm the nozzle condition again before auto-running. Also, confirm that the nozzle tip is not broken. HEAD _XXXX	
1049	VICS TIMEOUT ERROR	The waiting routine for VICS was interrupted by time-out error.	
1050	NOZZLE CONDITION CHECK SUCCESSFUL	There is nothing wrong with any nozzles.	
1052	NOZZLE CONDITION ERROR (MOUNT HEAD)	Vision Recognition detected an unclean nozzle on the mount head. Before auto-running, clean the nozzle and check the nozzle condition again. If the head has brought back some parts, please reset running to check the nozzle condition, the mount height, and the valve condition. TABLE _XXXX HEAD _XXXX	
1053	NOZZLE CONDITION ERROR (DUMP HEAD)	Vision Recognition detected an unclean nozzle on the dump head. Before auto-running, clean the nozzle and check the nozzle condition again. If the head has brought back some parts, please reset running to check the nozzle condition, the mount height, and the valve condition. TABLE _XXXX HEAD _XXXX	
1065	Dip Station READY OFF	Can't perform squeegee, because the READY signal of Dip Station is OFF. Confirm that Dip Station is powered ON, and execute return-to-origin of Dip Station. Dip Station _XXXX	
1067	Return-to-origin of the machine is not completed	Can't start up Dip Station without return-to-origin completed on the machine. Please execute return-to-origin on the machine. Dip Station _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
1068	Return-to-origin of Dip Station failed	Return-to-origin of Dip Station failed. Confirm that Dip Station is powered ON, and execute return-to-origin of Dip Station again. Dip Station _XXXX	
1069	SCHEDULE TASK UNCOMPLETED (POWER OFF)	Schedule task is not completed due to the emergency stop or other errors. If you turn the power off now, the uncompleted schedule task will be aborted. Do you want to cancel the power off sequence to complete the schedule task? Yes: Cancel the power off sequence. No: Turn the power off now, ignoring the uncompleted schedule task.	
1276	SYSTEM CONTROLLER ERROR	When this error occurred, rebooting of the machine is necessary. After checking safety, please reboot this machine. Please call Assistant.	
1277	X1 Axis 2nd LIMIT OVER	Move the X axis until the error message disappears. Then, release "EMERGENCY STOP", and the red light will turn off.	X1-axis secondary limit was exceeded. Move the X1 axis by hand to a safe position.
1278	Y1 Axis 2nd LIMIT OVER	Move the Y axis until the error message disappears. Then, release "EMERGENCY STOP", and the red light will turn off.	Y1-axis secondary limit was exceeded. Move the Y1 axis by hand to a safe position.
1279	FRONT SIDE "EMERGENCY STOP" BUTTON IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1280	REAR SIDE "EMERGENCY STOP" BUTTON IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1281	RIGHT SIDE "EMERGENCY STOP" BUTTON IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1282	LEFT SIDE "EMERGENCY STOP" BUTTON IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1283	FRONT SIDE SAFETY COVER IS OPENED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	

Ea : Application Error

No	Title	Message	Detail (Action)
1284	REAR SIDE SAFETY COVER IS OPENED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1285	FRONT SIDE AREA SENSOR IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1286	REAR SIDE AREA SENSOR IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1287	TRAY CHANGER EMERGENCY STOP	"EMERGENCY STOP" is working. Solution: Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off. Causes: 1. The "EMERGENCY STOP" button of the tray changer is pushed. 2. The cover of the tray changer is open.	
1288	FRONT SIDE NON STOP AREA SENSOR IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1289	REAR SIDE NON STOP AREA SENSOR IS ENABLED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1290	FRONT FES IS NOT CLAMPED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off. < Check Items > - FES Forward end sensor - FES Up end sensor	
1291	REAR FES IS NOT CLAMPED	Confirm safe conditions and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off. < Check items > - FES Forward end sensor - FES Up end sensor	
1292	Wafer tray changer is not connected to the machine	"EMERGENCY STOP" is working. Please make sure to connect the wafer tray changer to the machine correctly. Then, release "EMERGENCY STOP", and the red light will turn off.	

Ea : Application Error

No	Title	Message	Detail (Action)
1293	FRONT LOWER SIDE SAFETY COVER IS OPENED	"EMERGENCY STOP" is working. Close the safety cover, and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1294	REAR LOWER SIDE SAFETY COVER IS OPENED	"EMERGENCY STOP" is working. Close the safety cover, and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1295	EXTENSION CONVEYOR "EMERGENCY STOP" BUTTON IS PRESSED	"EMERGENCY STOP" is working. Close the safety cover, and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1296	EXTENSION CONVEYOR SAFETY COVER IS OPENED	"EMERGENCY STOP" is working. Close the safety cover, and press the [READY] button. Then, release "EMERGENCY STOP", and the red light will turn off.	
1299	FRONT AREA SENSOR IS REACTIVE	"EMERGENCY STOP" is working. Confirm safe condition and press the [READY] button.	
1308	BOARD DATA ERROR	Wrong action was required on [Sequence Inf.]. Possible Causes: - The action number is not available. - The head number or the X,Y,R position is illegal. Sequence Inf.No _XXXX Action No _XXXX	
1311	MULTI-MACS ERROR	Multi-Macs recognition error occurred during auto-running. It is possible to continue auto-running, but the mounting accuracy can be worse. Please check the condition of Multi-Macs on the [Adjust] window.	
1314	LASER HEIGHT DISPLACEMENT TIMEOUT ERROR	Failed to get the result of laser height measurement.	
1315	LASER HEIGHT DISPLACEMENT ERROR	A = B - C B : the maximum result C : the minimum result The A value is over the limit. Local Height _XXXX	
1316	LASER HEIGHT DISPLACEMENT ERROR	The average of results is over the limit. Local Height _XXXX	
1317	BOARD DATA ERROR	Wrong local height number was required from the sequence info. Sequence Info. _XXXX Local Height _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
1318	NOZZLE HEIGHT DISPLACEMENT ERROR	Failed to measure the nozzle height. Touch-Sensor didn't work correctly. - Touch-Sensor can be unconnected. - Touch-Sensor can be broken etc... Machine performed measurement but couldn't get results. - The XYZ position of Touch-Sensor can be incorrect etc...	
1343	BOARD RELEASE ERROR	Failed to release the Board.	
1347	DIP TEST ERROR	Couldn't execute "Dip Test". Possible Causes: - Head without Vacuum Valve was used. - Turn Blader is not enabled in option setting. - The head is a mount head.	
1352	ERROR! Failed to write "TRACKING- DATA".	Code _XXXX 0 to 8: Failed to convert any data. (0:HEADER, 1:VERSION, 2:POSITION, 3:ACTIVE, 4-5:XY COUNTER, 6:COR., 7:FLAGS, 8:HOOTER) 10 : The Number of area is different between BOARD-DATA and TRACKING-DATA. 11 : BOARD DATA has no local areas. 12 : Data shortage in TRACKING-DATA. 13 : Failed to open TRACKING-DATA or temporary file.	
1353	ERROR! Failed to read "TRACKING- DATA".	Code _XXXX 0 to 8: Failed to convert any data. (0:HEADER, 1:VERSION, 2:POSITION, 3:ACTIVE, 4-5:XY COUNTER, 6:COR., 7:FLAGS, 8:HOOTER) 10 : The Number of area is different between : BOARD-DATA and TRACKING-DATA. It has the possib- : ility that local fid or bad is not "practice". 11 : BOARD DATA has no block local areas. 12 : Data shortage in TRACKING-DATA. 13 : Failed to open TRACKING-DATA or temporary file.	
1354	TRANSFER ERROR	TRANSFER UNIT has not responded to "FINISH" signal.	
1355	TRANSFER ERROR	Unexpected signal "WORK OFF" is detected.	
1356	BOARD DATA ERROR	To use "Timer Pre-Dispense", set [PreDsp CHECK] in [Dot Station] to "USE".	

Ea : Application Error

No	Title	Message	Detail (Action)
1357	BOARD DATA ERROR	For using "TRACKING-DATA", parameters of Board DATA must be as followings. Board Fiducial : NOT USE Block Fiducial : USE Local Fiducial : USE Board Badmark : NOT USE Block Badmark : NOT USE Local Badmark : USE	
1358	Block Fiducial Recognition Error	The distance of block fiducials is too different from the distance of theoretical block fiducials.	
1359	BOARD DATA ERROR	Mark data is set with [SKIP], [SELECT] or [GROUP SELECT] in error sequence. These items can't be used with tray changer.	
1360	HALFWAY CONTINUE ERROR	No board is detected on the mounting position.	
1361	FILE OPERATION ERROR	An error occurred with the following conditions. SCENARIO _XXXX MODULE _XXXX FILE _XXXX ACTION _XXXX Please remove the cause. Do you want to retry?	
1362	SCENARIO EXECUTING ERROR	An error occurred while executing the following Scenario. SCENARIO _XXXX SVS ERROR _XXXX Process cannot be continued because SVS system has a problem. Please remove the cause of SVS ERROR. Reset and restart auto-running.	
1363	SCENARIO STARTING ERROR	An error occurred at starting Scenario. SCENARIO _XXXX SVS ERROR _XXXX Process cannot be continued because SVS system has a problem. Please remove the cause of SVS ERROR. Reset and restart auto-running.	
1364	TRAY PARTS ERROR	No parts for use. Please check it and make it correct. Mount data _XXXX Parts data _XXXX Name _XXXX Palette No _XXXX	
1367	BOARD DATA ERROR	In Mount Info., adjusting resistor's reference for LED is not found. Please, check the following data. Mount data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
1368	BOARD DATA ERROR	In Mount Info., this adjusting resistor not found. Please, check the following data. Mount data _XXXX Reference _XXXX	
1369	BOARD DATA ERROR	In Mount Info., rank of this adjusting resistor does not exist. Please, check the following data. Reference _XXXX Rank No _XXXX	
1370	BOARD DATA ERROR	In Mount Info., rank of this adjusting resistor is out of allowed range. Please, check the following data. Mount data _XXXX Rank No _XXXX	
1371	SVS Data check	LED (Rank is specified.) on REAR-FEEDER PLATE is unacceptable condition to use. Check and correct the indication of the status area of the machine. --Mounted LEDs are not found.--	
1387	SCENARIO STORING ERROR	Storing new scenario, error occurred. New Scenario _XXXX Current Scenario _XXXX New Scenario may be lost.	
1394	MARK DETECTION ERROR	Failed to detect defined mark. 2Fid.Correction No. : _XXXX	
1395	MARK AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance. 2Fid.Correction No. : _XXXX	
1396	MARK DETECTION ERROR	A part of the fiducial mark is located out of the specified search area or the fiducial correction angle is too big. 2Fid.Correction No. : _XXXX	
1397	MARK SHAPE ERROR	Failed to detect a fiducial mark of the specified shape 2Fid.Correction No. : _XXXX	
1398	MARK AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance (Special) 2Fid.Correction No. : _XXXX	
1404	FILE COPY ERROR	Failed to copy the machine information file. Registration will be aborted. Press any key.	

Ea : Application Error

No	Title	Message	Detail (Action)
1623	In this mode, MOUNT DATA will be sorted automatically.	After this, please select [A5 EXECUTE]. If you want to save it, Press the [ENTER]. If you not, Press the [SPC]. If you want to abort, Press the [ESC].	
1631	No machine with a head for FINE sequence is	available in the line. Parts _XXXX Name _XXXX This parts is defined "FINE" in Mount Action. No machine has the alignment module for FINE action. No machine is available to set as "possible" in "Fine Mode" of "Head Down Offset".	
1632	The parts below should be supplied by tray changer, but	there is no machine with a tray changer on the line, or the tray changer connection table is incorrect. Parts _XXXX Name _XXXX	
1633	No machine attached the alignment module	to recognized below component in the line. Component _XXXX Name _XXXX Check the "AlignmentModule" and "SHAPE" in "component info."	
1634	The dump setting for the below component is set to	Dump Station. Component _XXXX Name _XXXX No head can reach the Dump Station, or no Dump Station is configured on any machine in the line.	
1635	No machine in the line can fix the nozzle	for below component . Component _XXXX Name _XXXX The nozzle type that is decided from "Required nozzle" in component info. and nozzle spec. info. is not present in Head Spec info.	
1636	Inconsistent part Group No. between	machine tables. Atable:Component _XXXX Name _XXXX Btable:Component _XXXX Name _XXXX The above parts are fixed parts, please check the used nozzle, the mount position and the softlimit of each table etc., and whether the part should be fixed.	
1637	RELATIVE TEACHING PARTS ERROR	Parts _XXXX Name _XXXX There are relative teaching parts both on the AB tables. Relative parts should be on the same feeder position.	
1638	Failed to distribute feeder.	Parts _XXXX Name _XXXX Failed to set alternative or relative teaching parts of the parts above, because there is no vacant feeder position.	

Ea : Application Error

No	Title	Message	Detail (Action)
1639	Failed to distribute feeder.	Parts _XXXX Name _XXXX Failed to set the parts on the feeder plate. There is no vacant feeder position, or no head is available to pick up the parts.	
1640	Failed to decide head.	Parts _XXXX Name _XXXX Failed to decide the pick up head of the parts, because the parts would interfere with other nozzles.	
1641	BOARD DATA ERROR	There is no dispense head for dot dispensing. Check [NOZZLE SPEC.INF]. Parts _XXXX PartsName _XXXX	
1642	BOARD DATA ERROR	There is no dispense head for dot dispensing. Check [NOZZLE SPEC.INF]. Dot Dispense data _XXXX	
1643	BOARD DATA ERROR	There is no dispense head for dot dispensing. Check the head type and nozzle type in [Head Offset].	
1644	BOARD DATA ERROR	No parts data available for the mount data. Machine _XXXX Mount _XXXX	
1645	DOT DISPENSE DATA MESSAGE	Now dot dispense data has been converted.	
1646	The datum angle of the below component	is not set to "Normal". Component _XXXX Name _XXXX No machine in the line can handle this setting.	
1647	The below Machine can not recognize the component	that datum angle setting is not "Normal". Machine _XXXX Component _XXXX Name _XXXX	
1648	There are parts using one "Part Group No." on both	tables. Parts belonging to a part group can only be mounted on one table. Please check if the part is fixed, the used nozzle etc. and the mount table is fixed.	
1649	The pick sequence of the below part	is set to "Bottom". Component _XXXX Name _XXXX No machine in the line can use this function.	

Ea : Application Error

No	Title	Message	Detail (Action)
1650	The below Machine can not pick up the component	because the pick sequence setting is "Bottom". Machine _XXXX Component _XXXX Name _XXXX	
1651	The Pos. Definition of the below component	is set to "Relative" and an offset value of Feeder Pos_Y exists. Component _XXXX Name _XXXX No machine in the line can use this function.	
1653	BOARD DATA ERROR	The parts requires Lead Check, but this machine is not equipped with "Co-Planarity Sensor" and "3D Multi Camera". Parts _XXXX Name _XXXX Please change co-planarity setting of the board data.	
1654	ALIGNMENT TYPE ERROR FOR CO-PLANARITY CHECK	Alignment Type of the parts is not proper for co-planarity check. Parts _XXXX Name _XXXX Co-planarity check is available only for parts with following Alignment Type. [SOP], [SOJ], [QFP], [PLCC], [OffLead], [Con-E], [Con-NSEW], [Odd.Con]	
1655	ALIGNMENT TYPE ERROR FOR 3D-RECOGNITION CHECK	Alignment Type of the parts is not proper for 3D recognition check. Parts _XXXX Name _XXXX 3D recognition check is available only for parts with following Alignment Type. [Simple BGA], [BGA], [SOP], [QFP], [OffLead], [Con-E], [Con-NSEW], [Odd.Con], [Mini-Tr/SOT], [Special]	
1656	A following part is specified that use Force Control,	but no machine in the line has head that can execute Force Control Sequence. Parts No. _XXXX Name _XXXX Following items are thought as a cause: -No machine is set to use Force Control in Installation Setting. -No head is specified that use Force Control in Force Control Spec. -Setting of Force Control is specified to use in Pick or Dip Seq. -Setting of Force Control is "High Accuracy" in Parts Information. -Buffing type nozzle is specified for Required Nozzle. -Target Load is out of soft limit.	
1657	A following part is specified that use Force Control,	but no head is available to execute Force Control Sequence. Machine _XXXX Parts No. _XXXX Name _XXXX Following items are thought as a cause: -Force Control isn't set "Use" in Installation Setting. -No head is specified that use Force Control in Force Control Spec. -Setting of Force Control is specified to use in Pick or Dip Seq. -Setting of Force Control is "High Accuracy" in Parts Information. -Buffing type nozzle is specified for Required Nozzle. -Target Load is out of soft limit.	
1701	FILE OPEN ERROR	Failed to open the optsetup.inf file.	

Ea : Application Error

No	Title	Message	Detail (Action)
1702	FILE OPEN ERROR	Failed to open the optimize condition setting file. File Name : _XXXX	
1703	SETTING FILE ERROR	No valid text file name in "optsetup.inf" file.	
1710	BOARD DATA FILE WRITE ERROR (OPTIMIZATION)	The Board data file is read-only or other processes are using. Please close a file or remove read only and retry optimization. FileName:_XXXX	
1721	Fixed component information error	Failed to read fixed component information.	
1723	Fixed component information error	Specified fixed component does not exist. Component _XXXX Name _XXXX	
1725	Fixed component information error	Feeder Type are different between Board data and fixed component.	
1731	Alternative component error	Loop is not perfect.	
1760	FIXED COMPONENT BIT ERROR	Failed to read fixed component bit information. Machine _XXXX	Defect of HDD. Contact the manufacturer.
1761	FIXED COMPONENT BIT ERROR	Failed to write fixed component bit information. Machine _XXXX	Defect of HDD. Contact the manufacturer.
1770	FIXED COMPONENT MASK ERROR	Failed to read fixed component mask information.	Defect of HDD. Contact the manufacturer.
1771	FIXED COMPONENT MASK ERROR	Failed to write fixed component mask information.	Defect of HDD. Contact the manufacturer.
1780	Do you want to perform Cycletime Estimation?	[ESC] : No Others: Yes	
1781	Do you want to perform Line Data Distribution?	[ESC] : No Others: Yes	

Ea : Application Error

No	Title	Message	Detail (Action)
1782	Auto Distribution Error	These parts which cannot set feeder set position are existed. Note: -Please check a setup of fixed part and board. -Please use part group number only for required of a nozzle interference check. -Please change the line distribution method of the optimization setup. -Please fix parts with many condition of feeder set position, such as special feeder parts.	
1783	MOUNT INFORMATION ERROR	When mount information is not set the Board can not be optimized.	
1790	Alternative component error	"Alignment Type" settings for all components in an Alternative Component loop must be the same. For Static Components, components with the same name are treated as Alternative Components.	The Alignment Type used for alternative components is not the same type that was used for the original components.
1791	Alternative component error	"Mount Action" setting for all Components in an Alternative Components loop must be same. For Static Components, components with the same name are treated as Alternative Parts.	The Mount Action used for alternative components is not the same type that was used for the original components.
1792	ALTERNATIVE PARTS ERROR	"Pick Angle" is not same as the original one. Parts number to start looping is Parts No. _XXXX Name _XXXX	
1793	ALTERNATIVE PARTS ERROR	"Part Group Number" is not same as the original one. Parts number to start looping is Parts _XXXX Name _XXXX	
1799	"MountInfo.Mode" is not set to "V2.0 Compatible".	This Machine can not use the DATA_GENERATOR.	
1801	LINE START ERROR	Cannot start all machines by communication.	
1802	ERROR CLEAR ERROR	Cannot clear error all machines by communication.	
1803	RESET ERROR	Cannot reset all machines by communication.	
1804	SWITCH BOARD ERROR	Cannot switch Board in all machines by communication.	

Ea : Application Error

No	Title	Message	Detail (Action)
1805	WARMUP ERROR	Cannot start or stop warmup running of all machines by communication.	
1806	ORIGIN ERROR	Cannot search origin of all machines by communication.	
1900	Could not receive start of code(@).	Could not receive start of code(@).	
1901	Could not receive end of code.	Could not receive end of code.	
1902	The machine received invalid data.	The machine received invalid data.	
1903	The machine can not receive this command.	The following cause is considered: - The machine is not in the RESET condition. Remove the cause and start operation.	
1904	The machine is running now.	When the machine is running, the machine can not receive this command.	
1905	No Board is selected for production.	No Board is selected for production.	
1906	Could not find Board data.	Could not find Board data.	
1907	Invalid Board data.	During communication, this program has lost one or more character(s).	
1908	Could not delete Board data.	Could not delete Board data.	
1909	Could not communicate.	Could not communicate.	
1910	The machine is in EMERGENCY STOP.	Check that conditions are safe and press the READY button to re-enable the machine.	
1911	The machine is INTERLOCK.	Remove the cause of INTERLOCK.	

Ea : Application Error

No	Title	Message	Detail (Action)
1912	ORIGIN SEARCH has not been completed.	Please start or complete Origin Search.	
1925	SAFETY COVER LOCK ERROR	The safety cover is open. Can't lock the door with the cover open. Please close the safety cover and start operation again.	
1926	SAFETY COVER LOCK ERROR	Front safety cover is unlocked. Lock the safety cover and press the READY button.	
1927	SAFETY COVER LOCK ERROR	Rear safety cover is unlocked. Lock the safety cover and press the READY button.	
1930	INTERLOCK ERROR	You can't move axis, because rise and fall system side view were up. Please check below. 1. Are rise and fall system side view up? 2. Are rise and fall system side view sensor good?	

Ea : Application Error

No	Title	Message	Detail (Action)
2201	BOARD TRANSFER ERROR	<p>Unexpected boards are on the conveyor. Remove the extra boards.</p> <p>Possible Causes: During auto-running or transfer, two boards were detected at the same time at - the entrance and the waiting position. - the waiting position and the mounting position. - the mounting position and the exit. - the mounting position and the exit halfway position. Error Detail No. _XXXX</p>	
2202	BOARD TRANSFER COMMAND ERROR	<p>This command can't be executed. Because detected the Board on Exit Position in Carry Out Command. detected the Board on Target Position in Carry In Command.</p>	
2203	BOARD TRANSFER COMMAND TIMEOUT ERROR	<p>This command can't be executed because of TimeOut. Please check each sensor used for this command.</p>	
2204	BOARD TRANSFER ERROR	<p>Lost the board to be carried in. The board can be between the upper and lower conveyor, or near the entrance of this machine. Please put the board on the correct position.</p>	
2205	BOARD TRANSFER ERROR	<p>The timing of board transfer processing and fixed processing is unusual. Please execute RESET on this machine.</p>	
2206	BOARD TRANSFER ERROR RECOVERY	<p>The following board failed to be transferred. Board transferred from the _XXXX position to the _XXXX position Please move the board to the next transport position, and restart auto-running. Move the board to [_XXXX position]</p>	
2207	BOARD TRANSFER ERROR RECOVERY	<p>The following board failed to be transferred. Board transferred from the _XXXX position to the _XXXX position Please put the board back to the previous transport position, and restart auto-running. Put the board back to [_XXXX position]</p>	
2208	STOPPER STATUS ERROR	<p>The stopper upper sensor does not react. Please confirm both the stopper of the conveyor and the upper sensor work correctly. Position the error occurred _XXXX (5:WaitPos., 6:UpperMountPos., 7:LowerMountPos., 8:ExitPos.)</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2209	BOARD TRANSFER ERROR	<p>More than one board was detected on the lower table.</p> <p>CAUSES:</p> <p>After the board fixing action, the following two sensors detected the same board at the same time.</p> <ul style="list-style-type: none"> - Mount position sensor on the lower table. - Back position sensor from the upper table stopper. <p>SOLUTION:</p> <ul style="list-style-type: none"> - Remove the unexpected board, and set the board on the mount position correctly. 	
2267	SCHEDULETASKLASTDATE RESTORATION (FILE:0BYTE)	<p>"ScheduleTaskLastDate.ini" was broken and re-created.</p> <p>Execution interval of "ScheduleTask" may be shift at first.</p>	
2268	SCHEDULETASKLASTDATE RESTORATION (READ ERROR)	<p>"ScheduleTaskLastDate.ini" was broken and re-created.</p> <p>Execution interval of "ScheduleTask" may be shift at first.</p>	
2270	The Scan Camera can't move	<p>There is a possibility that Scan Camera unit interferes with the parts. Therefore, Scan Camera can't move.</p> <p>SOLUTIONS:</p> <ol style="list-style-type: none"> 1. Do RESET 2. Dump the picked parts 3. Remove the picked parts, and turn off vacuum on the [Unit]-[Head] monitor. 	
2271	The Scan Camera can't move	<p>The head may be picking unknown parts. Therefore, Scan Camera can't move.</p> <p>SOLUTIONS:</p> <ol style="list-style-type: none"> 1. Do RESET 2. Dump the picked parts 3. Remove the picked parts, and turn off vacuum on the [Unit]-[Head] monitor. 	
2273	Upper buffer conveyer board transfer error [Carrying processing time-out]	<p>Lost the board to be carried in.</p> <p>The board can be between the upper and lower conveyor, or near the entrance of the upper buffer conveyor.</p> <p>Please put the board on the correct position.</p>	
2274	Upper buffer conveyer board transfer error [Restoration method]	<p>The following board failed to be transfered on the upstream buffer conveyer.</p> <p>Board transferred from _XXXX to _XXXX .</p> <p>Move the board to the next position and start auto-running.</p> <p>Move the board to _XXXX .</p>	
2275	Upper buffer conveyer board transfer error [Transportation processing time-out]	<p>Transferred board was not detected, even though it had been detected before transfered.</p> <p>The board can be on the upstream buffer conveyor.</p> <p>Please move the board to the correct position for safety.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2276	Upper buffer conveyer board transfer error	Board failed to be carried into this machine. The board can be stuck at the exit of the upstream buffer conveyer.	
2277	BOARD TRANSFER ERROR	Extra board was detected by the upstream buffer conveyor entrance sensor, though all of the planned boards had been carried in. Remove the board detected by the upstream buffer conveyor entrance sensor, and start auto-running.	
2279	Moving Camera can't move	There is a possibility that the Moving Camera or Multi MACS interferes with the parts. Therefore, Moving Camera can't move. SOLUTIONS: 1. Do RESET. 2. Dump the picked parts. 3. Remove picked parts, and turn off vacuum on the [Unit]-[Head] monitor.	
2290	Failed to fix the board	Failed to fix the board. Please reset.	
2298	FEEDER MACS ERROR	Getting Feeder MACS was failed. Feeder Number. _XXXX <Cause> - Around the pickup position might be dirty. - Database number is not correct. <Measures> - Check whether around the pickup position is dirty. - Check whether the database number for feeder MACS is right. [Pickup MACS]-[Feeder MACS]-[Mark Data DB Number]	
2299	FEEDER MACS CORRECTION VALUE ERROR	The correction value of Feeder MACS exceeds the upper limit. Feeder Number : _XXXX Correct Value X : _XXXX Correct Value Y : _XXXX <Cause> - Around the pickup position might be dirty. <Measures> - Check whether around the pickup position is dirty.	
2307	Failed to open database file.	Failed to open database file.	
2320	FILE READ ERROR	It failed in reading operator information.	

Ea : Application Error

No	Title	Message	Detail (Action)
2321	FILE WRITE ERROR	Failed to write operator Information.	
2423	Send Report Error	<p>Because the response of the communication side was late, the number of reports of the untransmission exceeded capacity.</p> <p>Factor</p> <ul style="list-style-type: none"> · There is other party's of the communication load high, and the report is not treatable. · Because the load of the network is high, it takes time to communicate. <p>Please confirm the State of load of communication side and network. When the communication situation is not improved,the report since now is annulled.</p> <p>Please quit the application when not improving it even if the above-mentioned measures are done.</p> <p>Has the communication situation been improved?</p> <p>Yes:It has improved it.</p> <p>No:It doesn't improve it.</p>	
2424	Communication not improved.	<p>The registration failed because of no buffering space for waiting to send data.</p> <p>Reports will be deleted without the communication improved.</p>	
2425	Remote-Control Connection Error	<p>Due to the command or report transmission error, Remote-Control was disconnected and machine was stopped.</p> <p>Please check a network connection state and restore line control.</p> <ul style="list-style-type: none"> - Check a LAN cable and HUB. - Check the state of Remote-Control software. - Check connection with Remote-Control software. 	
2426	Remote-Control Connection Error	<p>Due to the command or report transmission error, Remote-Control was disconnected and machine was stopped.</p> <p>Please check a network connection state and restore line control.</p> <ul style="list-style-type: none"> - Check a LAN cable and HUB. - Check the state of Remote-Control software. - Check connection with Remote-Control software. <p>Carry In lane and Carry Out lane is also stopped.</p> <p>Lane transfer is resumed after RUN command by line remote control.</p>	
2427	Send Report Warning	<p>Unsent reports are remained because of comunication no response.</p> <p>Please check the load condition of host and network.</p> <p>Auto-running cannot be restarted until unsent report amount decrease.</p>	
2500	INITIALIZATION ERROR	<p>"Servo Board" did not respond.</p> <p>Machine can't be started.</p> <p>Please restart the machine software after clearing this error.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2501	INITIALIZATION ERROR	"Servo Board" is not detected. Machine can't be started. Please restart the machine software after clearing this error.	
2502	INITIALIZATION ERROR	Failed to initialize the servo board. Machine can't be started. Please restart the machine software after clearing this error. Possible Causes. 1. Version of the servo software is not correct. Please restart the machine software. 2. Servo board cable is not connected correctly. Please confirm the connection of the servo board cable.	
2503	VISION BOARD INITIALIZATION ERROR	Failed to initialize the vision board. Possible Causes: - Number of the vision boards inserted is not enough. - Vision board is broken. - Vision board has a loose connection. When camera option setting is changed, that confirm it. If it has not been changed, then vision board connection might be bad. In that case, please turn off the power supply, and reinstall the vision board. And, please power on.	
2504	I/O DATA TRANSFER ERROR	Vacuum Level Data couldn't be transferred to "I/O Board".	
2505	INITIALIZATION ERROR	Co-Planarity unit failed to initialize. Machine can't be started. Please restart the machine software after clearing this error.	
2506	I/O LIST DATA ERROR	No. _XXXX Failed to read and Init IO-List Data. Machine can't be started. Please restart the machine software after clearing this error.	
2507	VISION BOARD INITIALIZATION ERROR	Vision system failed to initialize. Machine can't be started. Please restart the machine software after clearing this error.	
2508	SERVO BOARD INITIALIZATION ERROR	Servo system failed to initialize. Machine can't be started. Please restart the machine software after clearing this error.	
2509	I/O BOARD INITIALIZATION ERROR	I/O system failed to initialize. Machine can't be started. Please restart the machine software after clearing this error.	

Ea : Application Error

No	Title	Message	Detail (Action)
2510	MACHINE START ERROR	Machine can't be started. Please restart the machine software after clearing this error.	
2511	SERVO BOARD1 DATA WRITE ERROR	When reading line _XXXX in HEX file, failed to write servo board1 data. Machine can't be started. Please restart the machine software after clearing this error.	
2512	SERVO BOARD2 DATA WRITE ERROR	When reading line _XXXX in HEX file, failed to write servo board2 data. Machine can't be started. Please restart the machine software after clearing this error.	
2513	SERVO BOARD3 DATA WRITE ERROR	When reading line _XXXX in HEX file, failed to write servo board3 data. Machine can't be started. Please restart the machine software after clearing this error.	
2514	SERVO BOARD4 DATA WRITE ERROR	When reading line _XXXX in HEX file, failed to write servo board4 data. Machine can't be started. Please restart the machine software after clearing this error.	
2515	SERVO HEX DATA ERROR	When reading line _XXXX in HEX file, failed to read servo HEX data. Machine can't be started. Please restart the machine software after clearing this error.	
2516	SERVO HEX ADDRESS ERROR	When reading line _XXXX in HEX file, Failed to read servo HEX data. Machine can't be started. Please restart the machine software after clearing this error.	
2517	VISION START ERROR	Vision can't be started. Please restart the machine software after clearing this error.	
2518	VISION INTERFACE INITIALIZATION ERROR	Interface to Vision system failed to initialize.	
2520	APPL BOARD BOOT ERROR	Failed to write command to APPL. Command-Area couldn't be reset. Machine can't be started. Please restart the machine software after clearing this error.	

Ea : Application Error

No	Title	Message	Detail (Action)
2521	APPL BOARD COMMAND ERROR	Failed to write srv-command to APPL. Command-Area couldn't be reset. Machine can't be started. Please restart the machine software after clearing this error.	
2522	APPL BOARD DPRAM WRITE ERROR	Failed to write data to APPL DPRAM. Aborted to download APPLBOOT,APPLMAIN,IOMAIN-PROG. Machine can't be started. Please restart the machine software after clearing this error.	
2523	APPL BOARD HANDSHAKE ERROR	Failed to handshake between HOST and APPL. Aborted to download APPLMAIN,IOMAIN-PROG. Machine can't be started. Please restart the machine software after clearing this error.	
2524	APPL BOARD TRANSFER ERROR(APPL-HEX)	Failed to download the APPL BOARD. Aborted to download the APPLBOOT-PROG. Machine can't be started. Please restart the machine software after clearing this error.	
2525	APPL BOARD TRANSFER ERROR(APPL-HEX)	Failed to download the APPL BOARD. Aborted to download the APPLMAIN-PROG. Machine can't be started. Please restart the machine software after clearing this error.	
2526	APPL BOARD TRANSFER ERROR(IO-HEX)	Failed to download the IO BOARD. Aborted to download the IOMAIN-PROG. Machine can't be started. Please restart the machine software after clearing this error.	
2527	APPL BOARD TRANSFER ERROR(SRV-HEX)	Failed to download the SERVO BOARD. Aborted to download the SRVMAIN-PROG. Machine can't be started. Please restart the machine software after clearing this error.	
2528	APPL BOARD DOWNLOAD- STATUS ERROR	Incorrect Download-Status was found. Aborted to download APPLMAIN,SRVMAIN-PROG. Machine can't be started. Please restart the machine software after clearing this error.	

Ea : Application Error

No	Title	Message	Detail (Action)
2529	DIGITAL MULTI CAMERA START ERROR	Digital multi camera can't be started. Machine can't be started. Please restart the machine software after clearing this error.	
2530	Failed to write Board log.	Failed to write Board log.	
2531	FILE READ ERROR	It failed in reading board information. Cause: The board information data is broken. There is a possibility that the mount data file has been damaged. Measures: If you have a backup data, delete the broken data, copy from the backup, and reload the data. If you don't, delete the broken data and create new data.	
2532	FILE READ ERROR	It failed in reading the mount information. Cause: The mount information data is broken. There is a possibility that the mount data file has been damaged. Measures: If you have a backup data, delete the broken data, copy from the backup, and reload the data. If you don't, delete the broken data and create new data.	
2533	FILE READ ERROR	It failed in reading the mark information. Cause: The mark information data is broken. There is a possibility that the mount data file has been damaged. Measures: If you have a backup data, delete the broken data, copy from the backup, and reload the data. If you don't, delete the broken data and create new data.	
2534	FILE READ ERROR	It failed in reading the parts information. Cause: The parts information data is broken. There is a possibility that the mount data file has been damaged. Measures: If you have a backup data, delete the broken data, copy from the backup, and reload the data. If you don't, delete the broken data and create new data.	

Ea : Application Error

No	Title	Message	Detail (Action)
2535	FILE READ ERROR	<p>It failed in reading the pattern match information.</p> <p>Cause: The pattern match information data is broken. There is a possibility that the mount data file has been damaged.</p> <p>Measures: If you have a backup data, delete the broken data, copy from the backup, and reload the data. If you don't, delete the broken data and create new data.</p>	
2536	FILE READ ERROR	<p>It failed in reading the BGA information.</p> <p>Cause: The BGA information data is broken. There is a possibility that the mount data file has been damaged.</p> <p>Measures: If you have a backup data, delete the broken data, copy from the backup, and reload the data. If you don't, delete the broken data and create new data.</p>	
2537	FILE WRITE ERROR	Failed to write Board information.	
2538	FILE WRITE ERROR	Failed to write Mount Data.	
2539	FILE WRITE ERROR	Failed to write Mark Data.	
2540	FILE WRITE ERROR	Failed to write Parts Data.	
2541	FILE WRITE ERROR	Failed to write Pattern Matching Data.	
2542	FILE WRITE ERROR	Failed to write BGA Data.	
2543	FILE READ ERROR	Failed to read "OmaShift.sts".	
2544	FILE WRITE ERROR	Failed to write "OmaShift.sts".	

Ea : Application Error

No	Title	Message	Detail (Action)
2545	FILE READ ERROR	<p>It failed in reading the machine setting data.</p> <p>Cause: The machine configuration data file is broken. There is a possibility that the mount data file has been damaged.</p> <p>Measures: Please restore the machine data.</p>	
2546	FILE WRITE ERROR	Failed to write Machine Config.	
2547	FILE READ ERROR	<p>It failed in reading the machine setting data.</p> <p>Cause: The machine configuration data file is broken. There is a possibility that the mount data file has been damaged.</p> <p>Measures: Please restore the machine data.</p>	
2548	FILE WRITE ERROR	Failed to write Machine Data.	
2549	FILE READ ERROR	Failed to read Nozzle Specification.	
2550	FILE WRITE ERROR	Failed to write Nozzle Specification.	
2551	FILE READ ERROR	Failed to read Head Specification.	
2552	FILE WRITE ERROR	Failed to write Head Specification.	
2553	FILE READ ERROR	Failed to read FNC Specification.	
2554	FILE WRITE ERROR	Failed to write FNC Specification.	
2555	FILE READ ERROR	Failed to read Feeder Specification.	
2556	FILE WRITE ERROR	Failed to write Feeder Specification.	

Ea : Application Error

No	Title	Message	Detail (Action)
2557	FILE READ ERROR	Failed to read Feeder Plate Specification.	
2558	FILE WRITE ERROR	Failed to write Feeder Plate Specification.	
2561	FILE READ ERROR	Failed to read Vacuum Level for Each Nozzle.	
2562	FILE WRITE ERROR	Failed to write Vacuum Level for Each Nozzle.	
2563	FILE READ ERROR	Failed to read Feeder Timer Specification.	
2564	FILE WRITE ERROR	Failed to write Feeder Timer Specification.	
2565	I/O LIST FILE READ ERROR	Failed to read I/O List Data.	
2566	I/O LIST FILE WRITE ERROR	Failed to write I/O List Data.	
2567	TYPE FILE READ ERROR	Failed to read Motor Type File.	
2568	TYPE FILE WRITE ERROR	Failed to write Motor Type File.	
2569	SPEC FILE READ ERROR	Failed to read Specification File.	
2570	SPEC FILE WRITE ERROR	Failed to write Specification File.	
2571	DISPENSE NOZZLE SHAPE FILE READ ERROR	Failed to read Dispense Nozzle Shape.	
2572	DISPENSE NOZZLE SHAPE FILE WRITE ERROR	Failed to write Dispense Nozzle Shape.	

Ea : Application Error

No	Title	Message	Detail (Action)
2573	DISPENSE SEQUENCE FILE READ ERROR	Failed to read Dispense Sequence.	
2574	DISPENSE SEQUENCE FILE WRITE ERROR	Failed to write Dispense Sequence.	
2575	DISPENSE NOZZLE TYPE FILE READ ERROR	Failed to read Dispense Nozzle Type.	
2576	DISPENSE NOZZLE TYPE FILE WRITE ERROR	Failed to write Dispense Nozzle Type.	
2577	SPEED SETTING FILE READ ERROR	Failed to read Speed Setting File.	
2578	SPEED SETTING FILE WRITE ERROR	Failed to write Speed Setting File.	
2579	BRAND SETTING FILE READ ERROR	Failed to read Brand Setting File.	
2580	BRAND SETTING FILE WRITE ERROR	Failed to write Brand Setting File.	
2581	COORD-MACS DATA FILE READ ERROR	Failed to read Coord-Macs Data File.	
2582	COORD-MACS DATA FILE WRITE ERROR	Failed to write Coord-Macs Data File.	
2583	PARAMETER FILE READ ERROR	Failed to read Accuracy Parameter for Each Nozzle.	
2584	PARAMETER FILE WRITE ERROR	Failed to write Accuracy Parameter for Each Nozzle.	
2585	PATLIGHT SPEC FILE READ ERROR	Failed to read Patlight Specification.	
2586	PATLIGHT SPEC FILE WRITE ERROR	Failed to write Patlight Specification.	

Ea : Application Error

No	Title	Message	Detail (Action)
2587	VISION RESULT FILE READ ERROR	Failed to read Vision Result.	
2588	VISION RESULT FILE WRITE ERROR	Failed to write Vision Result.	
2589	FILE READ ERROR	Failed to read Board data.	
2590	FILE WRITE ERROR	Failed to write Board data.	
2591	FILE READ ERROR	Failed to read FES Fiducial Data.	
2592	FILE READ ERROR	Failed to read _XXXX file.	
2593	FILE WRITE ERROR	Failed to write _XXXX file.	
2594	FILE OPEN ERROR	Failed to open _XXXX file.	
2595	FILE CLOSE ERROR	Failed to close _XXXX file.	
2596	OPERATION PANEL SPEC FILE READ ERROR	Failed to read Operation Panel Specification.	
2597	OPERATION PANEL SPEC FILE WRITE ERROR	Failed to write Operation Panel Specification.	
2598	DISPENSE TIME CORRECTION FILE READ ERROR	Failed to read Dispense Time Correction file.	
2599	DISPENSE TIME CORRECTION FILE WRITE ERROR	Failed to write Dispense Time Correction file.	
2600	APPL HEX FILE ACCESS ERROR	Failed to access _XXXX file.	

Ea : Application Error

No	Title	Message	Detail (Action)
2601	APPL HEX FILE OPEN ERROR	Failed to open _XXXX file.	
2602	APPL HEX FILE CLOSE ERROR	Failed to close _XXXX file.	
2603	APPL HEX FILE FORMAT ERROR	Format-Error was found in _XXXX file.	
2604	APPL HEX FILE DATA ERROR	Data-Error was found in _XXXX file.	
2605	APPL HEX FILE CHECKSUM ERROR	Checksum-Error was found in _XXXX file.	
2606	DISPENSE CORRECTION FILE READ ERROR	Failed to read Dispense Correction file.	
2607	DISPENSE CORRECTION FILE WRITE ERROR	Failed to write Dispense Correction file.	
2608	BACKUP PIN MATRIX DATA FILE READ ERROR	Failed to read Backup Pin Matrix data file.	
2609	BACKUP PIN MATRIX DATA FILE WRITE ERROR	Failed to write Backup Pin Matrix data file.	
2610	DETACH SPEED TABLE FILE READ ERROR	Failed to read Detach Speed table file.	
2611	DETACH SPEED TABLE FILE WRITE ERROR	Failed to write Detach Speed table file.	
2612	SCHEDULE SETTING FILE READ ERROR	Failed to read Schedule Setting file.	
2613	SCHEDULE SETTING FILE WRITE ERROR	Failed to write Schedule Setting file.	
2614	LOG HALFWAY DATA FILE READ ERROR	Failed to read Log Halfway file.	

Ea : Application Error

No	Title	Message	Detail (Action)
2615	LOG HALFWAY DATA FILE WRITE ERROR	Failed to write Log Halfway file.	
2616	FILE READ ERROR	Failed to read Wafer Nozzle Specification.	
2617	FILE WRITE ERROR	Failed to write Wafer Nozzle Specification.	
2618	FILE READ ERROR	Failed to read Laser Height Specification.	
2619	FILE WRITE ERROR	Failed to write Laser Height Specification.	
2620	FILE READ ERROR	Failed to read Evt Force Sequence.	
2621	FILE WRITE ERROR	Failed to write Evt Force Sequence.	
2622	FILE READ ERROR	Failed to read Wafer Station Specification.	
2623	FILE WRITE ERROR	Failed to write Wafer Station Specification.	
2624	FILE READ ERROR	Failed to read Wafer Ejector Specification.	
2625	FILE WRITE ERROR	Failed to write Wafer Ejector Specification.	
2627	FILE READ ERROR	Failed to read the specification file of "PickPosCorrection".	
2628	FILE WRITE ERROR	Failed to write the specification file of "PickPosCorrection".	
2629	FILE READ ERROR	Failed to read Board data.	

Ea : Application Error

No	Title	Message	Detail (Action)
2630	FILE WRITE ERROR	Failed to write Board data.	
2634	FILE READ ERROR	Failed to read the specification file of "PickRateWarning".	
2635	FILE WRITE ERROR	Failed to write the specification file of "PickRateWarning".	
2636	FILE READ ERROR	Failed to read Spring Force Sequence.	
2637	FILE WRITE ERROR	Failed to write Spring Force Sequence.	
2639	FILE READ ERROR	Failed to read SideViewCamera.sts	
2640	Failed to write Board log buffer.	Failed to write Board log buffer.	
2641	FILE READ ERROR	Failed to read DumpStaion wasted space Specification.	
2642	FILE WRITE ERROR	Failed to write DumpStaion wasted space Specification.	
2643	FILE READ ERROR	Failed to read DumpStaion Setting Infomation File.	
2644	FILE WRITE ERROR	Failed to write DumpStaion Setting Infomation File.	
2645	FILE READ ERROR	Failed to read Safety Spec File.	
2646	FILE WRITE ERROR	Failed to write Safety Spec File.	
2647	FILE DELETE ERROR	Failed to delete SchedleTaskLastDate.ini	

Ea : Application Error

No	Title	Message	Detail (Action)
2648	FILE WRITE ERROR	Failed to write SchedleTaskLastDate.ini	
2649	FILE READ ERROR	Failed to read SchedleTaskLastDate.ini	
2650	CONVEYOR MOTOR ALARM	Control board of conveyor motor detected error. Motor No. _XXXX	
2651	CONVEYOR TIMEOUT ERROR	Conveyor table axis can not move.	
2652	INTERLOCK ERROR	You can't move X,Y,R or W axis, because Z axis is not in safe position. Please check Z axis position.	The head position is at a dangerous height, so the X, Y, R and W axes cannot move. Raise the head to a safe height. If the machine's head has a lower end sensor, then check the sensor status.
2653	INTERLOCK ERROR	Z axis is not in a safe position. Please check Z axis position.	The head position is at a dangerous height right after return-to-origin is performed. Check that the current head position (Z-axis) is lowered to a dangerous height.
2654	INTERLOCK ERROR	The movable conveyor can't be moved. Causes: 1. There is a board on the edge of the movable conveyor. 2. Sensor is reacting to the head. Please remove the causes.	
2655	PS-FEEDER TIMEOUT ERROR	Timeout error occurred, because PS-Feeder was busy. Please check feeder. Feeder No. _XXXX	
2656	DATA CHECK ERROR	Some parts can not be recognized, because there is no camera with side light. Parts No. _XXXX	
2657	DATA CHECK ERROR	Conveyor Spec : Manual Return Conveyor Direction : L->R It must be such setting for Cell Production. Please reconfirm machine setting.	
2658	BOARD DATA ERROR	No nozzle is available.	

Ea : Application Error

No	Title	Message	Detail (Action)
2659	BOARD DATA ERROR	Nozzles will touch the conveyer with the specified mounting coordinate. This machine can't perform mounting within 5mm to the Y-axis direction from the edge of board. Please modify the mount data. Mount Data _XXXX Block Data _XXXX	
2700	FORCE CONTROL UNIT ERROR	Initialization of the force control unit is not completed. Can't start auto-running in this condition. Please check the unit, and try [Return-to-Origin] again.	
2701	NOZZLE STATION MACS ERROR	Failed to read MACS for Nozzle Station. Please check mark database number in machine data, and mark data in mark database. Database No. _XXXX	
2702	NOZZLE STATION MACS ERROR	Failed to execute Nozzle Station MACS. Please check the machine data, and mark data in mark database.	Failed to recognize marks while recognizing nozzle station MACS to perform a nozzle change. Correct the positions of nozzle station MACS, or set the correct mark database No.
2703	NOZZLE STATION MACS ERROR	Failed to detect Nozzle Station MACS. Nozzle Station MACS can be unclean. Or the required mark database can be wrong.	
2704	NOZZLE STATION MACS ERROR	No mark data for Nozzle Station MACS has read. Please read the board data again.	
2705	NOZZLE HEIGHT INCOMPLETE	The machine cannot start auto-running.	
2706	NOZZLE STATION MACS ERROR	The correction value of Nozzle Station MACS is unusual. There is a possibility of false recognition. Please check it. Pos X _XXXX (mm) Pos Y _XXXX (mm)	
2707	VERIFICATION UN-COMPLETED	There are parts without verification completed. Complete the verification, and restart auto-running.	
2708	START RUNNING WITH THE UN- SAVED DATA	This board data is being edited. To start auto-running, please save the board data. This message is shown when the "Setup Check" or "Traceability" function is enabled.	

Ea : Application Error

No	Title	Message	Detail (Action)
2709	Traceability log was not saved	<p>Traceability log was not saved. All traceability log can not be saved as it is this state. Please contact the administrator, and execute the following measures.</p> <p>Measure:</p> <ol style="list-style-type: none"> 1. Please confirm the connection with Server PC. 2. Please secure free disk space on Server PC. 3. Please confirm file path. [Machine] - [Option Setting] - [Detail Setting] 4. Please close traceability log file when it is opened to Server PC or Y.Fact. 	
2710	INTERLOCK ERROR	Can't change the conveyor width, because the push-up unit is raised.	
2711	OPERATION ERROR	Can't start auto-running, because the head is down. Please check the head unit.	
2712	OPERATION ERROR	<p>Can't start auto-running. Causes:</p> <ol style="list-style-type: none"> 1. There is a board on the edge of the moving conveyor. (between entrance and upper-stage) Please move the board to the safety position. 2. The sensor can be reacting to the head. Please move the head out of the sensor area. 	
2713	OPERATION ERROR	<p>Can't start auto-running. Causes:</p> <ol style="list-style-type: none"> 1. There is a board on the edge of the moving conveyor. (between upper-stage and lower-stage) Please move the board to the safety position. 2. The sensor can be reacting to the head. Please move the head out of the sensor area. 	
2714	OPERATION ERROR	<p>Can't start auto-running. Causes:</p> <ol style="list-style-type: none"> 1. There is a board on the edge of the moving conveyor. (between lower-stage and exit) Please move the board to the safety position. 2. The sensor can be reacting to the head. Please move the head out of the sensor area. 	
2715	HALFWAY CONTINUE ERROR	<p>Can't find a board on the mounting position. To perform Halfway Continue on this machine, there should be a board on the mounting position. Please set a board on the mounting position correctly and start auto-running.</p>	
2716	Failed to calibrate Spring force.	<p>Failed to get the parameters for Calibration. Check the force control specification.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2717	CARIBTATION STATION ERROR	detected breakdown from the load cell on the calibration station. The cause is which the following: 1. calibration station isn't attached to the machine. 2. calibration station is broken.	
2718	FORCE VALUE ERROR	The measurement result of the load value exceeded the tolerance. Possible Causes: 1. The nozzle is broken. 2. The head wasn't be able to reach the load cell. 3. Position XYZ of the calibration station are wrong. Please check the state of the nozzle or the force control specification. Table No. _XXXX Head No. _XXXX	
2719	NOZZLE HEIGHT DISPLACEMENT ERROR	Nozzle height measurement failed. Before starting the measurement, the Touch-Sensor signal was received. Please check: - The Touch-Sensor connection - Touch-Sensor can be broken	
2720	NOZZLE HEIGHT DISPLACEMENT ERROR	Nozzle height measurement failed. The measured height is much far from the standard value. Possible Causes: - The XYZ position of Touch-Sensor is wrong. - The head offset value is wrong. - The specified nozzle length is wrong. - The nozzle is clogged. Error Distance _XXXX mm	
2721	NOZZLE HEIGHT DISPLACEMENT ERROR	Nozzle height measurement failed. Possible Causes: - Touch-Sensor didn't work correctly. Touch-Sensor can be unconnected. Touch-Sensor can be broken. - Touch-Sensor worked, but couldn't get results. The Z position of Touch-Sensor can be wrong. The head offset value can be wrong. The nozzle length of nozzle spec can be wrong.	
2722	DON'T YOU NEED HALFWAY CONTINUE?	There is a board on the mounting position. If auto-running is started, the board will be transferred to the downstream. Please check the board and execute Halfway Continue if the mounting is not completed.	A board for which component mounting is not completed is left in the component placement position. If automatic operation continues as is, then the unfinished board may be transferred downstream. Check the board in the component placement position. When it is not finished, run "Halfway Continue" command to resume component mounting on that board.
2723	BOARD DATA ERROR	This machine is not equipped with Ext.TC and AutoTC. Parts Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
2724	LASER HEIGHT DISPLACEMENT ERROR	Failed to write parameters to the laser amplifier. During startup the parameters are written automatically. Please reboot the machine.	
2725	NOZZLE STATION UP ERROR	Failed to move the nozzle station up to change nozzles. Possible Causes: - The valve to move the nozzle station is broken. - The sensor of upper side is OFF.	
2726	NOZZLE STATION DOWN ERROR	Failed to move the nozzle station down to change nozzles. Possible Causes: - The valve to move the nozzle station is broken. - The sensor of lower side is OFF.	
2727	FLYING NOZZLE CLUTCH POSITION ERROR	Can't exchange flying nozzles, because Clutch Sensor is reacting. Possible Causes: - The clutch position of R axis is incorrect. - The Initial position of R axis is incorrect. Head No _XXXX	
2728	FLYING NOZZLE EXECHANGE TIMEOUT ERROR	Failed to exchange flying nozzles. Please check failed head condition.	
2729	PICK POSITION SOFTLIMIT ERROR	Pick up position of the following parts is out of the moving area. Confirm the pick up position in parts data. For tray parts, confirm all parts on the tray are within the moving area. Mount data _XXXX Parts data _XXXX	
2730	CONFIRMATION AFTER EMERGENCY STOP	EMERGENCY STOP was triggered during a component pick up. Tap the [CLEAR] button, and an image of the pick up position will be displayed. Please confirm the state of parts.	
2731	EMERGENCY STOP DURING MOUNT	EMERGENCY STOP was triggered while the tables were mounting parts. Placement might have been unstable. Table No, Head No, Block No, Mount data _XXXX _XXXX _XXXX _XXXX Please check the image of the mounting position displayed after the mounting completed.	
2732	[CYCLE STOP] command was executed.	EMERGENCY STOP was triggered during a mounting or bring back action. Please confirm the parts on the board.	
2733	BOARD DATA ERROR	Static Component will interfere with DumpStation. Please confirm the following parts. Machine :_XXXX DumpStation position :_XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
2734	DUMP STATION SETTING ERROR	Dump Stations may be interfering with each other. Check the set position and the possession width of each Dump Station. Machine : _XXXX	
2735	DUMP STATION SETTING ERROR	Failed to make dummy parts to dump into Dump Station. Machine : _XXXX	
2736	Failed to multiply the parts.	Machine : _XXXX Parts data : _XXXX Parts Name : _XXXX	
2739	NOZZLE DOWN LIMIT SENSOR1 TIMEOUT ERROR	_XXXX TABLE Nozzle Down Limit Sensor 1 is OFF. Possible Causes: 1. The sensitivity of the sensor is wrong. 2. The head was not moved up correctly. Machine : SensorNo. AirHead Four Tables(Atable): N00403 AirHead Four Tables(Btable): N08203 AirHead Four Tables(Ctable): N08383 AirHead Four Tables(Dtable): N00583	
2740	NOZZLE DOWN LIMIT SENSOR2 TIMEOUT ERROR	_XXXX TABLE Nozzle Down Limit Sensor 2 is OFF. Possible Causes: 1. The sensitivity of a sensor is wrong. 2. The head was not moved up correctly. Machine : SensorNo. AirHead Four Tables(Atable): N00405 AirHead Four Tables(Btable): N08205 AirHead Four Tables(Ctable): N08385 AirHead Four Tables(Dtable): N00585	
2741	HALFWAY CONTINUE ERROR	Can't find a board to start Halfway Continue on the mount stage. Please set a board on the mount stage, and start auto-running. Mount Stage : _XXXX	
2742	Failed to read Mark Data.	Failed to read Mark Data for Base MACS. Please check mark database number in machine data, and mark data in mark database. Database No. _XXXX	
2743	Mark Data Error	Setting of Mark Data for Base MACS is invalid. Please correct the setting as below. - Set [Mark Type] to "Fiducial". - Set [Algorithm Type] to other than "PTRN ****". Database No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
2745	FILE WRITE ERROR	Failed to read Reel Width Specification.	
2746	FILE WRITE ERROR	Failed to write CommonSetting.cfg.	
2747	FILE READ ERROR	Failed to read CommonSetting.cfg.	
2748	BUFFER CONVEYOR MOTOR ALARM	Control board of conveyor motor detected error. Please confirm the interval when LED of the driver board blinks. There is a possibility that either of the enumerated item is out of order. - Control board of conveyor motor - Buffer conveyor motor of LW axis - Harness	
2750	Failed to read Mark Data.	Failed to read Mark Data for Single Camera MACS. Please check mark database number in machine data, and mark data in mark database. Database No. _XXXX	
2751	Mark Data Error	Setting of Mark Data for Single Camera MACS is invalid. Correct the setting as below: - Set [Mark Type] to "Fiducial". - Set [Algorithm Type] to other than "PTRN ****". Database No. _XXXX	
2752	SINGLE CAMERA MACS MARK DETECTION ERROR	Failed to detect a Single Camera MACS mark. Check the condition of the Single Camera MACS mark, and clean it if necessary. To disable the Single Camera MACS function, set [Machine Data] - [Machine Information] - [Installation Setting] - [Single Camera MACS] to "Not Use".	
2753	SINGLE CAMERA MACS CORRECTION ERROR	Result of Single Camera MACS Correction is unusual. Check the condition of the Single Camera MACS mark, and clean it if necessary. To disable the Single Camera MACS function, set [Machine Data] - [Machine Information] - [Installation Setting] - [Single Camera MACS] to "Not Use".	

Ea : Application Error

No	Title	Message	Detail (Action)
2754	SINGLE CAMERA MACS FINE CORRECTION ERROR	<p>Failed to adjust the XY position for FINE mode within the limit.</p> <p>1. Check the condition of the Single Camera MACS mark, and clean it if necessary. 2. Check the limited value set in machine data. [Machine Data] - [Mechanical] - [Position] - [Mark FINE mode]</p> <p>To disable the Single Camera MACS function, set [Machine Data] - [Machine Information] - [Installation Setting] - [Single Camera MACS] to "Not Use".</p>	
2755	SMART RECOGNITION DATA READ ERROR	<p>Failed to read Smart Recognition Data.</p> <p>Parts data _XXXX Parts Name _XXXX Check if you have finished to create model data for Smart Recognition.</p>	
2756	HEAD COORD- MACS DATA FILE READ ERROR	Failed to read Head Coord-Macs Data File.	
2757	HEAD COORD- MACS DATA FILE WRITE ERROR	Failed to write Head Coord-Macs Data File.	
2758	NOZZLE BUFFING CHECK FILE READ ERROR	<p>Failed to read the following file. _XXXX</p> <p>Possible Causes: - The file doesn't exist. - The file is broken.</p> <p>Solutions: - Restore the machine data with System Backup. - Re-install the application software.</p>	
2759	BOARD FILE READ ERROR	<p>Failed to read the board data.</p> <p>Total number of the mount data is over the limit(_XXXX). Please confirm the number of mount data in each board data.</p>	
2760	BOARD FILE READ ERROR	<p>Failed to read the board data.</p> <p>Total number of parts data is over the limit (_XXXX). Delete unused parts data.</p>	
2761	BOARD FILE READ ERROR	<p>Failed to read the board data.</p> <p>Total number of mark data is over the limit (_XXXX). Delete unused mark data.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2762	BOARD FILE READ ERROR	<p>Failed to read the board data.</p> <p>Setting of [Parts Group No.] in parts data is invalid.</p> <ul style="list-style-type: none"> - Number of items on [Parts Group No.] is over the limit (_XXXX). - The value set on [Parts Group No.] is not correct. <p>Please modify the setting to execute mounting in order of Parts Group No.</p>	
2763	FILE READ ERROR	Failed to read Ect Force Sequence.	
2764	FILE WRITE ERROR	Failed to write Ect Force Sequence.	
2765	FILE READ ERROR	Failed to read Distortion Map File.	
2768	CONFIRMATION OF TRACING MOUNTED PARTS	<p>Because there is a tall parts on the board, the vision confirmation of the parts emergency stopped in being mounted by the moving camera is impossible.</p> <p>Is the monitor of retry selection displayed as it is?</p> <p>[Yes]: The monitor of retry selection is displayed.</p> <p>[No]: The confirmation of tracing is stopped.</p>	
2769	FILE READ ERROR	Failed to read Conveyor Transfer Spec.	
2770	FILE WRITE ERROR	Failed to write Conveyor Transfer Spec.	
2771	PICKUP MACS FILE READ ERROR	<p>Failed to read following file.</p> <p>_XXXX</p> <p>Cause:</p> <ul style="list-style-type: none"> - There is a possibility that the file has been damaged. - There is a possibility that the file does not exist. <p>Measures:</p> <ul style="list-style-type: none"> - Please restore the machine data. - Please re-install application software. 	

Ea : Application Error

No	Title	Message	Detail (Action)
2772	PICKUP MACS FILE WRITE ERROR	<p>It failed to write the setting file for Pickup MACS. _XXXX</p> <p>Cause:</p> <ul style="list-style-type: none"> - The file might be read only. - The file might be opened by other application. - The file might be damaged. <p>Measures:</p> <ul style="list-style-type: none"> - Try to set and write again, after release the read only of file. - Try to set and write again, after time passes for a while. - Try to set and write again, after closing the file. - Try to set and write again, after restoring machine data by [System Backup]-[Restore]. 	
2773	FILE READ ERROR	Failed to read Vacuum Pump Spec.	
2774	FILE WRITE ERROR	Failed to write Vacuum Pump Spec.	
2775	FILE READ ERROR	<p>Failed to read Maintenance specification feeder file.</p> <p>Cause:</p> <ul style="list-style-type: none"> - There is a possibility that the file has been damaged. <p>Measures:</p> <ul style="list-style-type: none"> - Please restore the machine data. - Please re-install application software. 	
2800	Failed to create Panel button detect task.	Failed to create Panel button detect task.	
2801	DATABASE	<p>Parts data was set from Database.</p> <p>From Database No. _XXXX</p> <p>To Parts No. _XXXX</p>	
2802	DATABASE	<p>Parts data was set to Database.</p> <p>From Parts No. _XXXX</p> <p>To Database File _XXXX Database No. _XXXX</p>	
2803	DATABASE	<p>Parts data was added to Database.</p> <p>From Parts No. _XXXX</p> <p>To Database File _XXXX Database No. _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2804	DATABASE ERROR	This number doesn't exist in Database. Database No. _XXXX	
2805	DATABASE ERROR	This number doesn't exist in Database. Database No. _XXXX	
2806	DATABASE ERROR	Selected Parts No. is not defined. Parts No. _XXXX	
2807	DATABASE ERROR	Selected Mark No. is not defined. Mark No. _XXXX	
2808	DATABASE ERROR	Selected Parts No. is over the limit of Database.	
2809	DATABASE ERROR	Selected Mark No. is over the limit of Database. Number of mark data in Database is up to 300.	
2810	DATABASE	Parts data has been removed from Database. Database No. _XXXX	
2811	DATABASE	Mark data has been removed from Database. Database No. _XXXX	
2812	DATABASE	Mark data was set from Database. From Database No. _XXXX To Mark No. _XXXX	
2813	DATABASE	Mark data was set to Database. From Mark No. _XXXX To Database File _XXXX Database No. _XXXX	
2814	DATABASE	Mark data was added to Database. From Mark No. _XXXX To Database File _XXXX Database No. _XXXX	
2815	PARTS DATA TRANSFER ERROR	Failed to transfer parts data to vision board.	

Ea : Application Error

No	Title	Message	Detail (Action)
2816	TEMPLATE DATA READ ERROR	Failed to read Template Data. Solution: Please extecute [Mark] - [MarkAdj] - [Pattern] - [Save Pattern].	
2817	VT FILE CONVERT ERROR	Failed to convert VT file to IBMF file.	
2818	IBMF FILE CONVERT ERROR	Failed to convert IBMF file to VT file.	
2819	APPL CPU HANDSHAKE ERROR	Failed to communicate with APPL CPU.	
2820	FES FIDUCIAL MARK DATA READ ERROR	Failed to read FES Fiducial data from Mark-DATABASE. Database No. _XXXX Please check Mark-DATABASE.	
2821	MULTI-MACS DATA TRANSFER ERROR	Multi-Macs Data couldn't be transferred to vision board.	
2822	ILLEGAL IO ACCESS ERROR	Accessed to the illegal IO data. PORT ID _XXXX _XXXX	
2823	FULL AUTO MOUNT FEEDBACK (FAMF)	Data of FAMF was initialized.	
2824	FULL AUTO MOUNT FEEDBACK (FAMF)	Result data of FAMF was totaled.	
2825	FULL AUTO MOUNT FEEDBACK (FAMF)	Feedback value was calculated from totaled result.	
2826	FULL AUTO MOUNT FEEDBACK (FAMF)	Feedback value was saved to Machine-Data..	
2827	ORIGIN INCOMPLETE	Return-to-origin can not be done, becasue it failed to read the necessary data.	
2828	FAILED TO SEND IO DATA	Update Vacuum Data to IO SYSTEM is failed. Please run again.	

Ea : Application Error

No	Title	Message	Detail (Action)
2829	Parts data is not ready.	Please prepare correct parts data.	
2830	Fiducial Mark data is not ready.	Please prepare correct mark data.	
2831	Badmark Mark data is not ready.	Please prepare correct mark data.	
2832	OPERATION START ERROR	A machine adjustment program is starting. Start operation again after the machine adjustment program completion.	
2833	DATABASE	All of the required parts data have been set from Database.	
2834	DATABASE	All of the required mark data have been set from Database.	
2835	SERVICE MODE ERROR	Both sides of service keys are activated. Set only one key in a Machine. Both sides of operation are not available.	
2836	STEP AUTO-RUNNING STOP	Auto-Running was stopped according to step running command.	
2837	ILLEGAL COMMAND WHILE EDITING	Execution of command is impossible while editing.	
2838	NO BOARD DATA	Board data does not exist.	
2839	RS-232C RECEIVE TIMEOUT	An error occurred with RS-232C communication line. The cause of the error is receive timeout.	
2840	SERVICE MODE	Service key is activated. Please be careful sufficiently. Front _XXXX Rear _XXXX	
2841	SERVICE MODE	Service Mode is finished. Please be careful sufficiently.	
2842	SETUP CHECK NOT COMPLETED	Some parts are not completed with setup checking. Please make sure to complete setup and start auto-running again.	

Ea : Application Error

No	Title	Message	Detail (Action)
2843	BOARD DATA ERROR	Reading is failed.	
2844	RS-232C TRANSMISSION ERROR	A transmission error occurred with RS-232C communication line.	
2845	C/R BOX FAN STOP	The fan in control box is NG.	
2846	C/R AC POWER NG	AC power at control box is NG.	
2847	UPS BATTERY LOW	The UPS detected low battery.	
2848	UPS AC POWER FAIL	UPS detected AC power fail. Machine will be shutdown after count down. However, in the following case, it's shut down immediately. 1. The [ERROR CLEAR] button is pressed. 2. The UPS Battery Low signal is Detected.	
2849	C/R DC POWER NG	DC power at control box is NG.	
2850	C/R TEMP NG	The temperature is too high.	
2851	UPS AC POWER REVIVAL	The UPS detected AC power restored.	
2852	FILE FORM SETTING ERROR	No board data file form is selected. Please select at least one file form.	
2853	LOT LOG. WRITE ERROR	Failed to write LOT log.	

Ea : Application Error

No	Title	Message	Detail (Action)
2854	MOUNT ERROR	<p>An error was detected with Nozzle Down Sensor 1 during a mount action.</p> <p>Please check the condition of the mounted parts.</p> <p>Mount data _XXXX</p> <p>Parts data _XXXX Name _XXXX</p> <p>Feeder set position _XXXX</p> <p>Pallet set position _XXXX</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - Failure of Nozzle Down Sensor 1 - Weakness of Head Down Valve 	
2855	POSSIBILITY OF MISMOUNT	<p>A error was detected with Nozzle Down Sensor 1. is detected.</p> <p>Please check the condition of the mounted parts.</p> <p>Possible Causes:</p> <ul style="list-style-type: none"> - Failure of Nozzle Down Sensor 1 - Weakness of Head Down Valve <p>If the cause is clear, reset and restore the machine.</p> <p>If not, please modify the machine setting.</p>	
2856	NOT ENOUGH MEMORY	Cannot receive data with RS-232C communication line because of insufficient memory.	
2857	NOT ENOUGH MEMORY	Cannot transmit data with RS-232C communication line because of insufficient memory.	
2858	NOT ENOUGH MEMORY	Cannot transmit remote report with RS-232C communication line because of insufficient memory.	
2859	NOT ENOUGH MEMORY	Cannot receive data with network communication line because of insufficient memory.	
2860	NOT ENOUGH MEMORY	Cannot transmit data with network communication line because of insufficient memory.	
2861	NOT ENOUGH MEMORY	Cannot transmit remote report with network communication line because of insufficient memory.	
2862	COMMAND COMMUNICATION LINE CONNECT ERROR	<p>Failed to connect network command communication line.</p> <p>Please confirm the following point.</p> <ol style="list-style-type: none"> 1.Please check command port number in the communication setting. 2.Please confirm the state of the Windows firewall, in PC which off-line software is installed. <p>.Please confirm whether firewall setting is "Invalidity".</p> <p>.Please confirm whether "YgRemotecontrol" or a program name of offline software is set as "an exception", when firewall setting is "effective".</p>	<ol style="list-style-type: none"> 1. Set up the network properly. 2. Add a Line control program to the exceptions list of Windows firewall. <p>If you turn off Windows firewall you can activate the Line control however your computer can become more vulnerable.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
2863	COMMAND COMMUNICATION LINE TRANSMISSION	A transmission error occurred with network command communication line.	
2864	COMMUNICATION REPORT LINE CONNECT ERROR	Failed to connect network communication report line. Please confirm the following point. 1.Please check report port number in the communication setting. 2.Please confirm the state of the Windows firewall, in PC which off-line software is installed. .Please confirm whether firewall setting is "Invalidity". .Please confirm whether "YgRemotecontrol" or a program name of offline software is set as "an exception", when firewall setting is "effective".	1. Set up the network properly. 2. Add a Line control program to the exceptions list of Windows firewall. If you turn off Windows firewall you can activate the Line control however your computer can become more vulnerable.
2865	COMMUNICATION REPORT LINE TRANSMISSION ERROR	A transmission error occurred with network communication report line.	
2868	FAILED TO SEND RANDOM BALL DATA	Failed to send the Random Ball Data. Parts data _XXXX Name _XXXX Error Detail No _XXXX	
2869	FAILED TO RECEIVE RANDOM BALL DATA	Failed to receive the Random Ball Data. Parts data _XXXX Name _XXXX Error Detail No _XXXX	
2870	FAILED TO READ RANDOM BALL DATA FILE	Failed to read file of the Random Ball Data.	
2871	FAILED TO WRITE RANDOM BALL DATA	Failed to write file of the Random Ball Data.	
2872	ILLEGAL VISION FILE NUMBER FOR RANDOM BALL DATA	Illegal number is used on the parts. Set [OPTION 1] to other than "0". Parts data _XXXX Name _XXXX	
2873	COMMAND COMMUNICATION LINE TIMEOUT ERROR	A timeout error occurred with network command communication line. Cannot execute the command.	
2874	BOARD AUTO SWITCHING FAILURE	Failed in automatic switching to the interrupted board data.	
2875	INTERRUPTED BOARD DATA FILE NOT FOUND	The Board data file produced before power was switched off is not found.	
2876	FORCE CONTROL ERROR	No sequence of the force control are found for the target force. TARGET FORCE _XXXX (N)	

Ea : Application Error

No	Title	Message	Detail (Action)
2877	FORCE CONTROL TIMEOUT ERROR	Failed to set the unlock force before landing. HEAD _XXXX MOUNT/SEQ. _XXXX PARTS _XXXX F.SEQUENCE _XXXX	
2878	FORCE CONTROL TIMEOUT ERROR	Failed to set the target force at landing. HEAD _XXXX MOUNT/SEQ. _XXXX PARTS _XXXX F.SEQUENCE _XXXX	
2879	FORCE CONTROL TIMEOUT ERROR	Failed to detect the lower end sensor at landing. HEAD _XXXX MOUNT/SEQ. _XXXX PARTS _XXXX F.SEQUENCE _XXXX	
2880	FORCE CONTROL TIMEOUT ERROR	Failed to check the lock or unlock force at taking off. HEAD _XXXX MOUNT/SEQ. _XXXX PARTS _XXXX F.SEQUENCE _XXXX	
2881	FORCE CONTROL TIMEOUT ERROR	Failed to check the lock force at pulling up the head. HEAD _XXXX MOUNT/SEQ. _XXXX PARTS _XXXX F.SEQUENCE _XXXX	
2882	TIMEOUT ERROR	Failed to prepare for warmup running of wafer tray changer.	
2883	Would you continue retrying fiducial?	YES : Continue NO : Skip related mounts/dispenses	
2884	LASER HEIGHT DISPLACEMENT ERROR	Laser Height Specification is not read.	
2885	LASER HEIGHT DISPLACEMENT ERROR	Laser Height Sensor has failed to measure. Alarm(Error) signal from the sensor was detected. Local Height _XXXX	
2886	EMERGENCY STOP DURING NOZZLE CHANGE	EMERGENCY STOP was triggered during a nozzle change action. Nozzle change might have failed. Please check the nozzle station and nozzles on the head. TABLE _XXXX Head _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
2887	EMERGENCY STOP DURING STAMP	EMERGENCY STOP is triggered during a stamping action. Stamping might have failed. Please check condition of parts on the board. TABLE _XXXX Head _XXXX	
2888	EMERGENCY STOP DURING DIPPING	EMERGENCY STOP was triggered during a dipping action. Dipping action might have been failed. Please check condition of the parts. TABLE _XXXX Head _XXXX	
2889	EMERGENCY STOP DURING PICKING ACTION	EMERGENCY STOP was activated during a picking action. This may cause the picking action to be unstable. Please confirm the component is picked up correctly. TABLE _XXXX Head _XXXX	Emergency stop was triggered during component pickup. Component pickup operation might have been unstable. Check how the component is being picked up.
2890	WAFER MACS-XY MARK DATA READ ERROR	Failed to read Wafer Fiducial data from Mark-DATABASE. Database No. _XXXX Please check Mark-DATABASE.	
2891	WAFER MACS-LT MARK DATA READ ERROR	Failed to read Wafer Fiducial data from Mark-DATABASE. Database No. _XXXX Please check Mark-DATABASE.	
2892	DATA CHECK ERROR	Even if Conveyor Spec of Machine Information is Demo fixed, Mount item of Mount Information is Skip. Please change either setting.	
2893	DATA CHECK ERROR	[Part Group Number] is invalid. Mount Data _XXXX Parts Data _XXXX Group No. _XXXX Mount Data _XXXX Parts Data _XXXX Group No. _XXXX When [Part Group Number] is used, parts must be mounted in ascending order. Please modify the board data.	
2894	DATA CHECK ERROR	[Tray Priority] function can't be used when [Part Group Number] is used. Please modify Board data.	

Ea : Application Error

No	Title	Message	Detail (Action)
2895	EMERGENCY STOP DURING DISPENSE	EMERGENCY STOP was triggered during a dispensing action. Dispense might have failed. Please check the condition of parts. TABLE _XXXX Head _XXXX Block No. _XXXX Dsp No. _XXXX Pattern Name _XXXX	
2896	LASER ZERO RESET INCOMPLETE	Can not execute auto running.	
2897	EXTENDED COMMUNICATION BOARD INITIALIZATION ERROR	Although [RS232C Extension] is set to "Exist", The extended communication board is not able to be initialized. Please reboot the machine after checking.	
2898	SETUP CHECK NOT COMPLETED	Setup checking is not completed. Make sure to complete setup checking and start auto-running again.	
2899	FORCE CONTROL TIMEOUT ERROR	Failed to initialize the force control unit. Please check the cable of it, Input/Output, and parameters of it. TABLE _XXXX Head _XXXX	
2900	NOZZLE CHANGE	NOZZLE CHANGE is done successfully.	
2901	NOZZLE CHANGE SETTING ERROR	This head cannot be used for NOZZLE CHANGE. Please check the following items: 1. Machine Config : Is NOZZLE CHANGE available for this Machine Type? 2. Machine Config : Is Nozzle Station set to "Exist" ? 3. Machine Data : Is Head Offset set to "Auto Nozzle Change" ? 4. Machine Data : Is Setting of Flying Nozzle Spec correct ?	
2902	NOZZLE CHANGE SETTING ERROR	There is no Nozzle for "Auto Nozzle Change" (ANC). Please check the following items: 1. Machine Data : Is Setting of Nozzle Station correct ?	
2903	NOZZLE CHANGE SETTING ERROR	There are too many Nozzles for "Auto Nozzle Change" (ANC). Please make sure the following item: - Machine Data : Is Setting of Nozzle Station correct ?	
2904	NOZZLE CHANGE SETTING ERROR	There is no Nozzle for "Flying Nozzle Change" (FNC). Please check the following items: - Machine Data : Is Setting of Flying Nozzle Spec correct ?	
2905	NOZZLE CHANGE SETTING ERROR	There are too many Nozzles for "Flying Nozzle Change" (FNC). Please make sure the following item: - Machine Data : Is Setting of Flying Nozzle Spec correct ?	

Ea : Application Error

No	Title	Message	Detail (Action)
2906	NOZZLE CHANGE STATUS ERROR	Can't identify the currently attached ANC nozzle. Check the nozzle station sensor status.	Cannot identify the currently attached ANC nozzle. Check the nozzle station sensor status.
2907	PARTS DATA ERROR	Feeder set number is not set. Please set a feeder set number.	
2908	DATA ERROR	Required nozzle for the parts can not be attached to this head. Head No. _XXXX Nozzle No. _XXXX Please check the parts data and the head specification.	
2909	NOZZLE CHANGE ERROR	Failed to change nozzles.	
2910	SYSTEM BACKUP ERROR	Failed in System Backup. - to USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while. - to Network Folder Check the connection of the machine and the network Check the access path.	
2911	STOPPED SYSTEM BACKUP	System backup was stopped.	
2912	SYSTEM BACKUP ERROR	Failed to reset read-only attribute of the destination file. Folder _XXXX File _XXXX Size _XXXX - to USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while. - to Network Folder. Check the connection of the machine and the network Check the access path.	

Ea : Application Error

No	Title	Message	Detail (Action)
2913	SYSTEM BACKUP ERROR	<p>Failed to make a folder. Folder _XXXX</p> <p>- in USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- in Network Folder. Check the connection of the machine and the network Check the access path.</p>	
2914	SYSTEM BACKUP ERROR	<p>Failed to copy the file. Folder _XXXX File _XXXX Size _XXXX - to USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder. Check the connection of the machine and the network Check the access path.</p>	
2915	SYSTEM BACKUP ERROR	<p>Failed to compress or expand the folder. Folder _XXXX</p> <p>- in USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- in Network Folder. Check the connection of the machine and the network Check the access path.</p>	
2916	SYSTEM BACKUP ERROR	<p>Failed to open the file to get size. Folder _XXXX File _XXXX Size _XXXX - in USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder. Check the connection of the machine and the network Check the access path.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2917	SYSTEM BACKUP ERROR	<p>Failed to get the file size.</p> <p>Folder _XXXX</p> <p>File _XXXX</p> <p>Size _XXXX</p> <p>- in USB</p> <p>Check the connection of the following drive.</p> <p>Drive _XXXX Connect _XXXX</p> <p>If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- in Network Folder.</p> <p>Check the connection of the machine and the network</p> <p>Check the access path.</p>	
2918	SYSTEM BACKUP ERROR	<p>Source file not found.</p> <p>Folder _XXXX</p> <p>File _XXXX</p> <p>Size _XXXX</p> <p>- to USB</p> <p>Check the connection of the following drive.</p> <p>Drive _XXXX Connect _XXXX</p> <p>If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder.</p> <p>Check the connection of the machine and the network</p> <p>Check the access path.</p>	
2919	SYSTEM BACKUP ERROR	<p>No file in the source.</p> <p>Folder _XXXX</p> <p>File _XXXX</p> <p>- to USB</p> <p>Check the connection of the following drive.</p> <p>Drive _XXXX Connect _XXXX</p> <p>If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder.</p> <p>Check the connection of the machine and the network</p> <p>Check the access path.</p>	
2920	SYSTEM BACKUP ERROR	<p>Failed to update file table.</p> <p>- to USB</p> <p>Check the connection of the following drive.</p> <p>Drive _XXXX Connect _XXXX</p> <p>If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder.</p> <p>Check the connection of the machine and the network</p> <p>Check the access path.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2921	SYSTEM BACKUP ERROR	<p>Failed to write the file table.</p> <p>- to USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder. Check the connection of the machine and the network Check the access path.</p>	
2922	SYSTEM BACKUP ERROR	Can't restore System Backup of the different machine.	
2924	PICK RATE WARNING ERROR (Parts)	The pick rate of every single pick of parts is worse than the warning value.	
2925	PICK RATE WARNING ERROR (Head)	The pick rate per head is worse than the warning value.	
2926	FORCE CONTROL TIMEOUT ERROR	<p>Failed to set the target force before landing.</p> <p>HEAD _XXXX MOUNT/SEQ. _XXXX PARTS _XXXX F.SEQUENCE _XXXX</p>	
2927	SYSTEM BACKUP WARNING	<p>Failed to backup the following application log, although System Backup was completed normally.</p> <p>_XXXX _XXXX _XXXX</p> <p>Possible causes:</p> <ol style="list-style-type: none"> 1) Out of disk space. 2) Removable drive disconnected. <p>- to USB Check the connection of the following drive. Drive _XXXX Connect _XXXX If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder. Check the connection of the machine and the network Check the access path.</p>	
2928	There is board on the entrance stopper.	<p>The entrance stopper did not go up because there was a board on the stopper.</p> <p>Please move the board to a safe position, and reset it.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2929	INITIALIZATION ERROR	<p>The memory on the I/F-board can not access.</p> <p>CAUSE: Memory error occurs in I/F-board.</p> <p>COUNTERMEASURE: Exchange of I/F-board.</p>	
2931	PUSH UP RISING ERROR	<p>Can not rise the push up on the moving stage. Please confirm the following.</p> <ul style="list-style-type: none"> - Please read the PCB data when the PCB data is not read. - Please match width with [Unit] - [Conveyor] - [Width] button when current width of the conveyor is different from the width of the PCB data. - Please move the moving stage to the mount position with [Setup] - [Mount Position] button when the moving stage is not at the mount position. 	
2932	FORCE CONTROL TIMEOUT ERROR	<p>Failed to set the target force before recognition.</p> <p>Mount Table _XXXX Head _XXXX Parts _XXXX F.Sequence _XXXX Force[N] _XXXX Force[Bit] _XXXX</p>	
2933	FORCE CONTROL ERROR	<p>Failed to check the lock force before mount action. Please check the cable, Input/Output, and parameters.</p> <p>Mount Table _XXXX Head _XXXX Parts _XXXX Force[N] _XXXX Force[Bit] _XXXX</p>	
2934	FORCE CONTROL ERROR	<p>Failed to check the lock force before pick action. Please check the cable, Input/Output, and parameters.</p> <p>Mount Table _XXXX Head _XXXX Parts _XXXX Force[N] _XXXX Force[Bit] _XXXX</p>	
2935	FORCE CONTROL ERROR	<p>Failed to check the lock force before dip action. Please check the cable, Input/Output, and parameters.</p> <p>Mount Table _XXXX Head _XXXX Parts _XXXX Force[N] _XXXX Force[Bit] _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2936	FORCE CONTROL ERROR	Failed to set the target force in pick action. Please check the unlock change valve. Head _XXXX Check Unlock[Bit] _XXXX Force[Bit] _XXXX	
2937	FORCE CONTROL ERROR	Failed to set the target force in dip action. Please check the unlock change valve. Head _XXXX Check Unlock[Bit] _XXXX Force[Bit] _XXXX	
2938	FORCE CONTROL ERROR	Failed to set the target force in mount action. Please check the unlock change valve. Head _XXXX Check Unlock[Bit] _XXXX Force[Bit] _XXXX	
2939	FORCE CONTROL ERROR	Failed to set the target force in vision action. Please check the unlock change valve. Head _XXXX Check Unlock[Bit] _XXXX Force[Bit] _XXXX	
2940	Parts Database Duplicate Error	The command can not be executed because duplicate data exist in parts database.	
2941	Parts Database Duplicate Error	The command can not be executed because target data is duplicate with existed data in parts database. Duplicate Database No. _XXXX [Counter Measures] - Change target database number. - Change parts _XXXX .	
2942	Parts Database Duplicate Error	Updated _XXXX is duplicate to another data in database. Can not enter the duplicate _XXXX .	
2943	FORCE CONTROL ERROR	Failed to set the unlock force in pick action. Head _XXXX Check Unlock[Bit] _XXXX Force[Bit] _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
2944	FORCE CONTROL ERROR	Failed to set the unlock force in dip action. Head _XXXX Check Unlock[Bit] _XXXX Force[Bit] _XXXX	
2945	FORCE CONTROL ERROR	Failed to check the target force in dip action. MountTable_XXXX Head_XXXX Parts_XXXX Cause: - Dip head did not reach the dip station Solutions: - Confirm dip position - Confirm parts height - Confirm dip height	
2946	FORCE CONTROL ERROR	Failed to check the target force in mount action. MountTable_XXXX Head_XXXX Parts_XXXX Cause: - Mount head did not reach the board Solutions: - Confirm mount position - Confirm parts height - Confirm board height	
2947	BUFFING CHECK SPEC SETTING ERROR	Buffing check can't be executed because the following items are not set. Please set them in [Specification Information] - [Buffing check spec]. - Measurement position X - Measurement position Y - Measurement height (mm)	
2948	SYSTEM BACKUP	System Full Backup Media Error. FLOPY DISK IS NOT AVAILABLE with System Full Backup. Please use below. 1. USB media. 2. Network.	

Ea : Application Error

No	Title	Message	Detail (Action)
2949	SYSTEM BACKUP ERROR	<p>System Full Backup Media Preparation Error.</p> <p>Failed to delete the files.</p> <p>Please, Check the destination folder and execute again.</p> <p>Folder _XXXX</p> <p>File _XXXX</p> <p>Size _XXXX</p> <p>- to USB</p> <p>Check the connection of the following drive.</p> <p>Drive _XXXX Connect _XXXX</p> <p>If this error frequently occurs, detach and insert the USB, and try again after a while.</p> <p>- to Network Folder.</p> <p>Check the connection of the machine and the network</p> <p>Check the access path.</p>	
2950	SYSTEM BACKUP ERROR	<p>System Full Backup Media Preparation Error.</p> <p>The free disk space of the destination folder is not enough.</p> <p>Please make free space, and execute again.</p> <p>Folder _XXXX</p> <p>Drive _XXXX Connect _XXXX</p> <p>- to Network Folder.</p> <p>Check the connection of the machine and the network</p> <p>Check the access path.</p>	
2951	SYSTEM BACKUP ERROR	<p>Failed to system-backup.</p> <p>Can't detect the drive.</p>	
2953	Parts Drop After Dipping	<p>Parts may have fallen on dipping station after dipping, and there is a risk of damage to dip station.</p> <p>Please open the safety cover and check the dipping station by your eyes.</p> <p>When parts exists on the dipping station, remove them.</p> <p>Dip Station _XXXX</p>	
2954	Getting Vision Image Error	<p>Failed to get the dropped parts image after dipping, because vision system has some problems.</p> <p>Please re-start machine when you have the timing.</p> <p>When not improving, give this information to supplier, please.</p> <p>vision error number _XXXX</p> <p>vision error state _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
2955	Did you check the dip station ?	Did you check the dropped parts on dip station ? Without removing that, dip station will be damaged by dropped parts. [YES]Check and Removing parts finished. Ready to start Auto-running. [NO]Not yet. Cancel starting Auto-running.	

Ea : Application Error

No	Title	Message	Detail (Action)
3075	BOARD TRANSFER ERROR	Please reset, move the board to the waiting position, and start auto-running again.	
3102	Please exchange FES system.	RearID _XXXX Detected FES system ID is different from next Board data.	
3103	Please exchange FES system.	FrontID _XXXX RearID _XXXX Detected FES system ID is different from next Board data.	
3210	DATA READ ERROR	Failed to read Multi-Macs data from the parts database. Database No. _XXXX Please check 1. Database number for Multi-Macs in Machine Data. 2. Parts database.	
3211	W-AXIS INTERLOCK ERROR	W-axis stopped with interlock. Check the positions of Push-Up Pins and Backup Unit.	
3213	Feeder NormalSig OFF	Parts feeder can not supply parts. The Normal signal from the parts feeder is not ON. Confirm the parts feeder is powered on. Confirm the parts feeder is working correctly.	
3214	Feeder Not Ready.	Parts supply from the parts feeder is not completed. The Ready signals from the parts feeder are not ON. Confirm the parts supply condition of the parts feeder. Confirm the I/F condition with parts feeder.	
3215	Feeder Not Busy.	Parts feeder can't perform parts supply action. The Busy signals from the parts feeder are not OFF. Confirm the parts supply condition of parts feeder. Confirm the I/F condition with parts feeder. [Error Detail] _XXXX _XXXX _XXXX _XXXX	
3232	Timeout waiting for the manual move tray Ready	It is considered that there is a problem in Manual move tray.	
3233	Timeout waiting for the manual move tray change.	It is considered that there is a problem in the manual move tray.	

Ea : Application Error

No	Title	Message	Detail (Action)
3234	Timeout waiting for the vacuum backup.	It is considered that there is a problem in the vacuum backup device.	
3235	Wrong Data from the Server.	Check Assemble Information or Board Pattern Code. Press the [EMERGENCY STOP] button to check the signal tower is lighting in red. Remove the board on the conveyer.	
3236	Board Pattern Code changed.	Board Pattern Code changed.	
3239	PICK POSITION CORRECTION ERROR	Can't start auto-running because the pick position correction range is invalid. Please check the feeder set condition and the pick position on the correction monitor. Please reset Pick Position Correction and start auto-running.	
3240	PICK POSITION CORRECTION WARNING	The pick position correction range reaches the warning level. Please check the feeder set condition and the pick position on the correction monitor.	
3246	BOARD DATA ERROR	Setting of Waffle Tray Changer is not correct. Waffle Tray Changer No. must be 1 to 8. Mount data _XXXX Parts data _XXXX Name _XXXX	
3247	HEATER TEMPERATURE ERROR	Can't run the machine due to the heater error. Solve the temperature problem and reboot the machine. HEAD _XXXX Possible Causes: - The temperature sensor is broken. - The heater is broken. - The temperature sensor and the heater are disconnected. - Head IO System is not working correctly.	
3248	HEATER TEMPERATURE TOLERANCE ERROR	The current temperature is out of tolerance. HEAD _XXXX TARGET TEMP. _XXXX CURRENT TEMP. _XXXX	
3249	DIPPING STATION ERROR	Can't execute this command, because Dip Station is in the "ERROR" status. Please check the condition of Dip Station. After restoration, run the station some times in the manual mode, then switch to the auto mode. DIP STATION No. _XXXX UNIT POSITION _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3251	PARTS ERROR AFTER DIP ACTION	Failed to recognize the parts after dip action. If the parts data is set to Ignore in the [Op1VisionCheck] parameter, the parts may have been dropped during the dip action. Please remove the parts on Dip Station.	
3252	SEQUENCE UNIT PREPARATION ERROR	Can't start auto-running, because the condition of SEQUENCE UNIT is not READY. (Waffle Tray Changer, Special Feeder etc...) UNIT No. _XXXX	
3254	INVALID PALLET NUMBER	Dump pallet number set on [Machine] - [Machine Information] - [Special Setting] - [Detail Setting] is out of the magazine area set on [Machine] - [Machine Data] - [Tray Changer] - [Position].	
3258	W-AXIS INTERLOCK ERROR	W-axis interlock stop. Check Push-Up Pins.	
3263	INTERLOCK ERROR: SAFETY COVER IS OPEN	Interlock was triggered because the safety cover was open. Traverser Axis, Conveyor Width Axis, and Stage Axis can't be moved, while the safety cover is open. Please close the covers of the upper and lower machines.	
3268	There are feeders in special function action.	Special action of the feeder was interrupted by the error. Please choose "yes", when you continue feeder special action. Please choose "no", when you interrupt feeder special action.	
3269	Vacuum Check Error Before Dump	"Vacuum level after pick" is not matching with "Vacuum level before dump". Head No.: _XXXX Parts No.: _XXXX Vacuum level before pick: _XXXX Vacuum level after pick: _XXXX Vacuum level before dump: _XXXX Parts may have dropped on a board. Please restart auto-running after confirmation.	
3270	BRING BACK ERROR (AFTER MOUNT)	A bring back parts error occurred during a mount action. This may have caused a misplacement. Press the [ERROR CLEAR] button, and check the mount position on the board. TABLE _XXXX HEAD _XXXX MOUNT _XXXX	
3271	BRING BACK PARTS RETRY SETTING ERROR	The retry setting of the bring back parts is not selected. Please set the retry setting of all the bring back parts.	

Ea : Application Error

No	Title	Message	Detail (Action)
3281	DIP STATION ERROR	Can't execute the command, because Dip Station is under the "ERROR" status. Please check the station. Then, press the [ERROR RESET] button on Dip Station. Dip Station _XXXX	
3282	BRING BACK ERROR (SCAN CAMERA ESCAPE)	The bring back error occurred while Scan Camera was escaping. There is a possibility that the Scan Camera unit interferes with the parts. So Scan Camera can't move. Press the [ERROR CLEAR] button, and the parts will be dumped and the mount position will be traced. TABLE : _XXXX HEAD : _XXXX MOUNT : _XXXX	
3283	CONFIRMATION OF RESET BEFORE RETRY	After the parts bring back error, [Retry] was selected, but the retry of this pick-group is not allowed. Please recover in the following procedure. When you clear this error message, the machine will be reset automatically. Please be careful. 1. Confirm that EMERGENCY STOP is released, and clear this error. 2. Confirm the machine reset is completed, and restart auto-running. 3. [HALFWAY CONTINUE] message will be displayed, and select [YES]. 4. Start Halfway Continue following the instruction shown on the	
3501	WAFER TRAY CHANGER ERROR	The parts were not found on the wafer tray changer head. They may have been lost while being carried. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX WT Head _XXXX	
3502	WAFER TRAY CHANGER ERROR	The parts were not found on the wafer tray changer station. They can be left on the WT head. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX WT Station _XXXX	
3503	WAFER TRAY CHANGER ERROR	The parts were not handed to the main machine head. They can be left on the WT head. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX WT Head _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3504	WAFER TRAY CHANGER ERROR	The parts were not handed to the main machine head. They can be left on the WT station. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX WT Station _XXXX	
3505	WAFER TRAY CHANGER ERROR	Failed to pick up the parts from the wafer. Can't find the parts on the wafer tray changer head. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX WT Head _XXXX	
3506	WAFER BADMARK COUNT OVER	Continuous badmark count reached the specified limit. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3507	WAFER RECOGNITION COUNT OVER	Continuous parts error count reached the specified limit. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3508	NO WAFER PARTS	Parts scan reached the last edge of the wafer. or Parts count reached the specified limit. Parts data _XXXX Name _XXXX Pallet _XXXX	
3510	WAFER TRAY CHANGER ERROR	No parts are available because the door is open. Parts data _XXXX Name _XXXX Pallet _XXXX	
3511	WAFER TRAY CHANGER ERROR	The door is open.	
3512	WAFER TRAY CHANGER ERROR	The data order is illegal due to system error. Please contact the agent.	
3513	WAFER TRAY CHANGER ERROR	The WT table number is illegal due to system error. Please contact the agent.	
3514	WAFER TRAY CHANGER ERROR	The door is open.	
3515	NO WAFER PARTS	No parts are available. Parts data _XXXX Name _XXXX Pallet _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3516	WAFER TRAY CHANGER ERROR	Station up/down is time-out.	
3517	WAFER TRAY CHANGER ERROR	Hook up/down is time-out.	
3518	WAFER TRAY CHANGER ERROR	Hook open/close is time-out. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
3519	WAFER TRAY CHANGER ERROR	Pallet fix pin up/down is time-out.	
3520	WAFER TRAY CHANGER ERROR	Ejector unit up/down is time-out.	
3521	WAFER TRAY CHANGER ERROR	Ejector unit selection is time-out.	
3522	WAFER TRAY CHANGER ERROR	Latch open/close is time-out.	
3523	WAFER TRAY CHANGER ERROR	Failed to return the pallet. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
3524	WAFER TRAY CHANGER ERROR	Failed to return the pallet.	
3525	WAFER TRAY CHANGER ERROR	Failed to pull out the pallet. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
3526	WAFER TRAY CHANGER ERROR	Failed to pull out the pallet.	
3527	WAFER TRAY CHANGER ERROR	Failed to start searching origin because the hook unit is down. Check the hook up/down sensor.	
3528	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because the hook unit was closed. Check the hook open/close sensor.	

Ea : Application Error

No	Title	Message	Detail (Action)
3529	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because the pallet fixing pins were up. Check the pallet fixing pin up/down sensor.	
3530	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because the ejector unit selection was on neither side. Check the ejector unit selection sensor.	
3531	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because the latch was open. Check the latch sensor.	
3532	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because a pallet was detected at the halfway position. Check the pallet sensor.	
3533	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because a pallet was detected at the set position. Check the pallet sensor.	
3534	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because LT-axis was above the LS unit. Check the LT position.	
3535	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because a pallet was out of the magazine. Check the pallet sensor.	
3536	WAFER TRAY CHANGER ERROR	Failed to start searching origin because the door was open. Check the door sensors(2 positions) and the door switch.	
3537	WAFER TRAY CHANGER ERROR	Unknown pallet was detected by the sensor during a pallet action. Check the pallet sensor.	
3538	WAFER TRAY CHANGER ERROR	No pallet was detected by the sensor during a pallet action. Check the pallet sensor.	
3539	WAFER TRAY CHANGER ERROR	Failed to read mark data for parts outline recognition due to a system error. Please contact the manufacturer.	
3540	WAFER TRAY CHANGER ERROR	Failed to read the parts position data due to a system error. Please contact the manufacturer.	
3541	WAFER TRAY CHANGER ERROR	Failed to read the parts data due to a system error. Please contact the manufacturer.	

Ea : Application Error

No	Title	Message	Detail (Action)
3542	WAFER TRAY CHANGER ERROR	The magazine to restore the pallet is already occupied by the other pallet. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3543	WAFER TRAY CHANGER ERROR	The magazine to restore the pallet is already occupied by the other pallet.	
3544	PLEASE CHECK...	Dump action was performed to throw away the parts left on the wafer head. Wafer Head _XXXX If there are still parts on the head, press the [EMERGENCY STOP] button to remove them. Then press the [READY] button to reactivate servo, and tap any key to clear this message.	
3545	PLEASE REMOVE PARTS	Parts seem to be left on the wafer station. Wafer station _XXXX Press the [EMERGENCY STOP] button to remove the parts. Then, press the [READY] button to reactivate servo, and tap any key to clear this message.	
3546	WAFER TRAY CHANGER ERROR	Parts are left on the wafer head, or the wafer head or the wafer station is clogged. Wafer head _XXXX Tap any key to dump the parts. If this error occurs very often, please clean the wafer nozzle, or adjust the vacuum level of the wafer head.	
3547	WAFER TRAY CHANGER ERROR	Parts are left on the wafer head, or the wafer head or the wafer station is clogged. Wafer station _XXXX Press the [EMERGENCY STOP] button to remove the parts. Then, press the [READY] button to reactivate servo, and tap any key to clear this message. If this error occurs even though no parts are left, please clean the wafer nozzle, or adjust the vacuum level of the wafer head.	
3548	WAFER TRAY CHANGER ERROR	"Pallet set" action was aborted due to emergency stop or other error.	
3549	WAFER TRAY CHANGER ERROR	"Reset" action was aborted due to emergency stop or other error.	
3550	WAFER TRAY CHANGER ERROR	"Parts recognition" action was aborted due to emergency stop or other error.	
3551	WAFER TRAY CHANGER ERROR	"Badmark recognition" action was aborted due to emergency stop or other error.	

Ea : Application Error

No	Title	Message	Detail (Action)
3552	WAFER TRAY CHANGER ERROR	"Parts pick" action was aborted due to emergency stop or other error.	
3553	WAFER TRAY CHANGER ERROR	"Parts check" action was aborted due to emergency stop or other error.	
3554	WAFER TRAY CHANGER ERROR	"Parts check by camera" action was aborted due to emergency stop or other error.	
3555	WAFER TRAY CHANGER ERROR	"Parts dump" action was aborted due to emergency stop or other error.	
3556	WAFER TRAY CHANGER ERROR	"Parts pick by main machine" action was aborted due to emergency stop or other error.	
3557	WAFER TRAY CHANGER ERROR	"Dynamic out measurement" action was aborted due to emergency stop or other error.	
3558	WAFER TRAY CHANGER ERROR	The position is out of reach.	
3559	WAFER TRAY CHANGER ERROR	Failed to transfer the vision memory. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3560	VISION SYSTEM ERROR	Badmark recognition of wafer parts was aborted, due to a vision system error. Information 1 _XXXX Information 2 _XXXX Please note this error No. and Information above, and contact the manufacturer.	
3561	VISION SYSTEM ERROR	Recognition of wafer parts was aborted due to a vision system error. Information 1 _XXXX Information 2 _XXXX Please note this error No. and Information above, and contact the manufacturer.	
3562	WAFER TRAY CHANGER ERROR	Parts image acquisition is time-out.	
3563	WAFER TRAY CHANGER ERROR	Parts image processing is time-out.	

Ea : Application Error

No	Title	Message	Detail (Action)
3564	WAFER TRAY CHANGER ERROR	Badmark image acquisition is time-out.	
3565	WAFER TRAY CHANGER ERROR	Badmark image processing is time-out.	
3566	INTERRUPTION ERROR	This action was aborted due to emergency stop or other error.	
3567	COMMAND ERROR	This command can not be executed in this condition. Please reset the machine.	
3568	WAFER TRAY CHANGER ERROR	There is no wafer station to handle the parts.	
3569	WAFER TRAY CHANGER ERROR	There is a wrong pallet on the wafer stage. Causes: 1. The pallet is not fixed. 2. An unknown pallet type is detected. 3. The pallet type detected by the sensor is different from that of parts data. (Wafer Ring Diameter)	
3570	WAFER TRAY CHANGER ERROR	Failed to read mark data for wafer alignment recognition due to system error. Please contact the manufacturer.	
3571	WAFER TRAY CHANGER ERROR	Failed to read correction data for wafer alignment due to system error. Please contact the manufacturer.	
3572	WAFER TRAY CHANGER ERROR	Failed to adjust the correction value for FINE mode within limit.	
3573	WAFER TRAY CHANGER ERROR	"Wafer alignment" action was aborted due to emergency stop or other error.	
3574	WAFER TRAY CHANGER ERROR	There is no wafer ejector to handle the parts.	
3575	WAFER TRAY CHANGER ERROR	Failed to recognize the alignment mark.	
3576	WAFER TRAY CHANGER ERROR	Wafer LH axis can not move because the wafer LZ axis is at the illegal position. Please contact the manufacturer.	

Ea : Application Error

No	Title	Message	Detail (Action)
3577	The cycle stop was not started.	Please press the button again.	
3578	WAFER TRAY CHANGER ERROR	Hook arm open/clese is time-out. Check the "WF.TRAY HOOK ARM OPEN/CLOSE" sensor.	
3579	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because a pallet was detected at the halfway position. Check the pallet sensor "WF.TRAY STAGE CENTER PALLET 2".	
3580	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because a pallet was detected at the halfway position. Check the pallet sensor "WF.TRAY PALLET ENTRANCE".	
3581	WAFER TRAY CHANGER ERROR	Failed to start return-to-origin because the pallet clamp was fixed. Check the pallet clamp sensor "WF.TRAY PALLET CLAMP BACKWORD".	
3582	WAFER TRAY CHANGER ERROR	Pallet clamp open/clese is time-out. Check the pallet clamp sensor "WF.TRAY PALLET CLAMP BACKWORD".	
3590	PLEASE CHECK...	Dump action was performed to throw away the parts left on the wafer head. Wafer head _XXXX If there are still parts on the head, press the [EMERGENCY STOP] button to remove them. Then press the [READY] button to reactivate servo, and tap any key to clear this message.	
3601	BOARD DATA ERROR	The "FeederType Wafer" can not be used for parts data V20 compatible mode. Machine _XXXX Parts data _XXXX Name _XXXX	
3602	BOARD DATA ERROR	No mark is specified for the "Mark for Comp" field of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3603	BOARD DATA ERROR	No mark data exists for the "Mark for Comp" of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3604	BOARD DATA ERROR	The "MarkType" is not suitable for the "Mark for Comp" of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3605	BOARD DATA ERROR	The "SearchArea" is larger than F.O.V. of the camera for the "Mark for Comp" of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3606	BOARD DATA ERROR	No mark data exists for the "Mark for Bad" of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3607	BOARD DATA ERROR	The "MarkType" is not suitable for the "Mark for Bad" of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3608	BOARD DATA ERROR	The "SearchArea" is larger than F.O.V. of the camera for the "Mark for Bad" of the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3609	BOARD DATA ERROR	Settings of "InitSearchDir" and "SwitchDirection" are conflicted. Machine _XXXX Parts data _XXXX Name _XXXX	
3610	BOARD DATA ERROR	Settings of "CurSearchDir" and "SwitchDirection" are conflicted. Machine _XXXX Parts data _XXXX Name _XXXX	
3611	BOARD DATA ERROR	No Wafer-TC head with nozzles that can handle the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3612	BOARD DATA ERROR	No Wafer-TC station can handle the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3613	BOARD DATA ERROR	Pallet number for the wafer parts is invalid. Machine _XXXX Parts data _XXXX Name _XXXX	
3614	BOARD DATA ERROR	Negative value for the "TapeThickness" is not allowed. Machine _XXXX Parts data _XXXX Name _XXXX	
3615	BOARD DATA ERROR	Negative value for the "Search Diameter" is not allowed. Machine _XXXX Parts data _XXXX Name _XXXX	
3616	BOARD DATA ERROR	Negative value for the "RingDiameter" is not allowed. Machine _XXXX Parts data _XXXX Name _XXXX	
3617	BOARD DATA ERROR	"Search Diameter" should be smaller than "RingDiameter". Machine _XXXX Parts data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3618	BOARD DATA ERROR	Negative value for the "CompPitch" is not allowed. Machine _XXXX Parts data _XXXX Name _XXXX	
3619	BOARD DATA ERROR	"Start Pos" is out of the "Search Diameter". Machine _XXXX Parts data _XXXX Name _XXXX	
3620	BOARD DATA ERROR	"Current Pos" is out of the "Search Diameter". Machine _XXXX Parts data _XXXX Name _XXXX	
3621	BOARD DATA ERROR	"Comp Num" is out of the allowed range. Machine _XXXX Parts data _XXXX Name _XXXX	
3622	BOARD DATA ERROR	"Start Count" is out of the allowed range. Machine _XXXX Parts data _XXXX Name _XXXX	
3623	BOARD DATA ERROR	"Current Count" is out of the allowed range. Machine _XXXX Parts data _XXXX Name _XXXX	
3624	BOARD DATA ERROR	Settings of "Start Pos" and "Start Count" are conflicted. Either of the edge will be out of "Search Diameter". Machine _XXXX Parts data _XXXX Name _XXXX Input larger value than the actual diameter into "Search Diameter", considering the margin.	
3625	BOARD DATA ERROR	Settings of "Current Pos" and "Current Count" are conflicted. Either edge will be out of "Search Diameter". Machine _XXXX Parts data _XXXX Name _XXXX Input larger value than the actual diameter into "Search Diameter", considering the margin.	
3626	BOARD DATA ERROR	"Search Diameter" is out of the LXY moving area. Machine _XXXX Parts data _XXXX Name _XXXX	
3627	BOARD DATA ERROR	"EjectHeight" is out of the LU moving area. Machine _XXXX Parts data _XXXX Name _XXXX	
3628	BOARD DATA ERROR	"PickHeight" is out of the LP moving area. Machine _XXXX Parts data _XXXX Name _XXXX	
3629	BOARD DATA ERROR	"EjectDownTiming" is out of the LP moving area. Machine _XXXX Parts data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3630	BOARD DATA ERROR	The value of "Wafer Pick Height" is too large. Machine _XXXX Parts data _XXXX Name _XXXX	
3631	BOARD DATA ERROR	The value of "Wafer Place Height" is too large. Machine _XXXX Parts data _XXXX Name _XXXX	
3632	BOARD DATA ERROR	The value of "Pick Height" is too large for the flip parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3633	BOARD DATA ERROR	Setting of "InitSearchDir" is invalid. Machine _XXXX Parts data _XXXX Name _XXXX	
3635	BOARD DATA ERROR	One or more corners on the waffle tray are out of the LXY moving area. Machine _XXXX Parts data _XXXX Name _XXXX	
3636	BOARD DATA ERROR	Wafer map option has not been installed. Machine _XXXX Parts data _XXXX Name _XXXX	
3637	BOARD DATA ERROR	The wafer map function is used for two or more wafer parts on the same pallet. Machine _XXXX Parts data _XXXX Name _XXXX	
3638	BOARD DATA ERROR	No Wafer-TC head with nozzles that can handle the wafer parts.	
3639	BOARD DATA ERROR	Alignment mark can not be used for waffle. Machine _XXXX Parts data _XXXX Name _XXXX	
3640	BOARD DATA ERROR	Alignment mark number is not defined. Machine _XXXX Parts data _XXXX Name _XXXX	
3641	BOARD DATA ERROR	Mark data does not exist on the defined record. Machine _XXXX Parts data _XXXX Name _XXXX	
3642	BOARD DATA ERROR	Only "Wafer Fid." is allowed for alignment mark. Machine _XXXX Parts data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3643	BOARD DATA ERROR	Search area for alignment mark is too big to fit in the camera's FOV. Machine _XXXX Parts data _XXXX Name _XXXX	
3644	BOARD DATA ERROR	Only one parts data per one pallet is allowed when alignment mark is used. Machine _XXXX Parts data _XXXX Name _XXXX	
3645	BOARD DATA ERROR	No Wafer-TC ejector can handle the wafer parts. Machine _XXXX Parts data _XXXX Name _XXXX	
3646	BOARD DATA ERROR	When using alternative parts for Wafer-TC parts, only the main parts of the alternatives can be specified in mount data. Mount data _XXXX Parts data _XXXX Name _XXXX	
3647	LOCAL FIDUCIAL MARK SEARCH ERROR	Local fiducial mark for the wafer parts is not found. Can't start auto-running in this condition. Solutions: 1. Confirm if the mark position on the wafer matches with that on the wafer map. If not, modify the map data. 2. Confirm if the parts position satisfies the search conditions. If not, modify the wafer or the map data. 3. Change the current count with Pos Teach and start auto-running with the other parts. Parts data _XXXX Name _XXXX	
3648	MACHINE DATA ERROR	The setting of "Machine Pick Pos" is incorrect, so the head can not reach. Please check following setting. [Setting] - [Machine Data] - [Tray Chenger] - [Position] - [Machine Pick Pos.] Mnt. Table _XXXX Mnt. Head _XXXX Wafer Hrad _XXXX	
3649	BOARD DATA ERROR	Wafer Angle(deg) is outside moving area. Parts number _XXXX Please check following item. [Parts]-[Tray]-[Wafer]-[Basic]-[E:Wafer Angle(deg)]	

Ea : Application Error

No	Title	Message	Detail (Action)
3650	WARNING: WAFER ANGLE	Setting of Wafer Angle(deg) is not safety position. By result of Align Mark recognition, Wafer Angle(deg) may be outside moving area. Parts number _XXXX Please check following item. [Parts]-[Tray]-[Wafer]-[Basic]-[E:Wafer Angle(deg)]	
3651	INTERLOCK ERROR	Wafer LXY axes can not move because the hook unit is down. Check the up-down sensor for the hook unit.	
3652	INTERLOCK ERROR	Wafer LXY axes can not move because a pallet is not on the proper position. Check the pallet position and the pallet sensor.	
3653	INTERLOCK ERROR	Wafer LXY axes can not move because LP axis position is lower than safe position. Check the position of wafer LP axis.	
3654	INTERLOCK ERROR	Wafer LXY axes can not move because LU axis position is higher than safe position. Check the position of wafer LU axis.	
3655	INTERLOCK ERROR	Wafer LXY axes can not move because the pallet is not fixed. Check the fixation and the sensor of the pallet.	
3656	INTERLOCK ERROR	Wafer LXY axes can not move because the target position interfere with wafer ring. Move down the ejector unit.	
3657	INTERLOCK ERROR	Wafer LH axis can not move because the LXY axes are not on the proper position. Check the position of wafer LXY axes.	
3658	INTERLOCK ERROR	Wafer LZ axis can not move because a pallet is out of the magazine. Check the pallet position and the sensor.	
3659	INTERLOCK ERROR	Wafer LZ axis can not move because the latch is open. Check the latch sensor.	
3660	INTERLOCK ERROR	Wafer LT axis can not perform quick action because the LP axis position is too low. Check the position of wafer LP axis.	
3661	INTERLOCK ERROR	Wafer LT axis can not move because the LP axis position is too low. Check the position of wafer LP axis.	

Ea : Application Error

No	Title	Message	Detail (Action)
3662	INTERLOCK ERROR	Wafer LT axis can not move because the LS axis position is too high. Check the position of wafer LS axis.	
3663	INTERLOCK ERROR	Wafer LR axis can not perform quick action because the LP axis position is too low. Check the position of wafer LP axis.	
3664	INTERLOCK ERROR	Wafer LR axis can not move because the LP axis position is too low. Check the position of wafer LP axis.	
3665	INTERLOCK ERROR	Wafer LS axis can not move because the LT axis position is above the LS axis. Check the position of wafer LT axis.	
3666	INTERLOCK ERROR	Wafer LU axis can not move because the LXY axes are moving. Check the status of wafer LXY axes.	
3667	INTERLOCK ERROR	Wafer LU axis can not move because the ejector unit is down. Check the ejector unit sensor. Information A _XXXX Information B _XXXX	
3668	INTERLOCK ERROR	Pallet fix pins can not move up/down because the LH axis are moving.	
3669	INTERLOCK ERROR	Pallet fix pins can not move up/down because the pallet is not on the proper position. Check the pallet position and the sensor.	
3670	INTERLOCK ERROR	Hook unit can not move up/down because the LH axis stays between the magazine and wait position. Check the wafer LH axis position.	
3671	INTERLOCK ERROR	Hook unit can not move up/down because the LH axis is not on the set position. Check the wafer LH axis position.	
3672	INTERLOCK ERROR	Ejector unit can not move up/down because the LU axis is not on the proper position. Check the wafer LU axis position.	
3673	INTERLOCK ERROR	Ejector unit can not move up/down because the pallet is not fixed. Check the fixation and the sensor of the pallet.	

Ea : Application Error

No	Title	Message	Detail (Action)
3674	INTERLOCK ERROR	Ejector unit can not move up/down because the LXY axes are not on the proper position. Check the wafer LXY axes position.	
3675	INTERLOCK ERROR	Ejector unit can not be selected because the LU axis are not on the proper position. Check the wafer LU axis position.	
3676	INTERLOCK ERROR	Ejector unit can not be selected because the LXY axes are not on the proper position. Check the wafer LXY axes position.	
3677	INTERLOCK ERROR	Latch can not open/close because the pallet is not on the proper position. Check the pallet position and the sensor.	
3678	INTERLOCK ERROR	Wafer LZ axis can not move because the LH axis stays between the magazine and wait position. Check the wafer LH axis position.	
3679	INTERLOCK ERROR	Wafer LZ axis can not move because the door lock is not activated. Check the door lock.	
3680	INTERLOCK ERROR	Wafer LZ axis can not move because the door is open. Check the door.	
3681	INTERLOCK ERROR	Wafer LH axis can not move because the wafer LZ axis has no servo power. Check the door and lock.	
3682	INTERLOCK ERROR	Ejector unit can not move up because the pallet is waffle type one.	
3683	INTERLOCK ERROR	Wafer LT axis can not move because the LS axis lower sensor is OFF. Check the sensor of wafer LS axis.	
3684	INTERLOCK ERROR	Pallet fix pins can not move up/down because the ejector unit is not the lower end position.	
3685	INTERLOCK ERROR	Hook unit can not move up/down because the LXY axis is not on the set position. Check the wafer LXY axis position.	
3686	INTERLOCK ERROR	Wafer LH axis can not move because the wafer LZ axis is in illegal position. Check the wafer LZ axis position.	

Ea : Application Error

No	Title	Message	Detail (Action)
3687	INTERLOCK ERROR	Pallet clamp can not move open/close because the ejector unit is not the lower end position.	
3688	INTERLOCK ERROR	Pallet clamp can not move open/close because the LH axis are moving.	
3689	INTERLOCK ERROR	Pallet clamp can not move open/close because the pallet is not on the proper position. Check the pallet position and the sensor.	
3690	INTERLOCK ERROR	Wafer LCY axis can not move because the Y-axis position is too near. Please check the position of Y-axis. Is there the Y-axis in front of "Safety Pos for Camera"?	
3691	INTERLOCK ERROR	The Y-axis can not move because the wafer camera LCY-axis is too near. Please check the LCY-axis position. Is there the LCY-axis in back of "LCY Waiting Pos"?	
3692	INTERLOCK ERROR	Wafer LH axis can not move because the ejector unit is down. Check the ejector unit sensor.	
3693	INTERLOCK ERROR	Wafer LH axis can not move because Z axis is moving or Z axis position safety sensor is OFF. Check Z axis position.	
3701	WAFER MAP ERROR	Failed to modify the map file date. Pallet _XXXX Barcode _XXXX	
3702	WAFER MAP ERROR	Failed to open the map file. Pallet _XXXX Barcode _XXXX	
3703	WAFER MAP ERROR	Failed to read the map file. Pallet _XXXX Barcode _XXXX	
3704	WAFER MAP FORMAT ERROR	No colon(:) was found. Pallet _XXXX Barcode _XXXX	
3705	WAFER MAP DATA ERROR	The wafer map data is not equal to the amount of the parts. Pallet _XXXX Barcode _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3706	WAFER MAP ERROR	Map data is not used. Pallet _XXXX Barcode _XXXX	
3707	WAFER MAP DATA ERROR	Found one or more cells without map data. Pallet _XXXX Barcode _XXXX	
3708	WAFER MAP ERROR	Failed to rename the map file. Pallet _XXXX Barcode _XXXX	
3709	WAFER MAP ERROR	Reading confliction. Reading command is issued while the system is reading other map file. Pallet _XXXX Barcode _XXXX	
3710	WAFER MAP DATA ERROR	Too many rank characters. Pallet _XXXX Barcode _XXXX	
3711	WAFER MAP FORMAT ERROR	Prohibited characters are found. Only the English alphabet and numeric characters are allowed. Pallet _XXXX Barcode _XXXX	
3712	WAFER MAP FORMAT ERROR	<BCEQU> and <NULBC> lines must be put in prior to the map data lines. Pallet _XXXX Barcode _XXXX	
3713	WAFER MAP ERROR	Map data has not been loaded. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3714	WAFER MAP ERROR	Teaching has not been done. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3715	WAFER MAP ERROR	Map file has not been supplied. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3716	WAFER MAP ERROR	Failed to update the teaching information of the map file date. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3717	WAFER MAP ERROR	Barcode has not been supplied. Mount data _XXXX Parts data _XXXX Name _XXXX Pallet _XXXX	
3718	WAFER MAP ERROR	Failed to read barcode.	
3719	WAFER MAP ERROR	Map file has not been found in HDD. Please supply the map file.	
3720	WAFER MAP ERROR	The communication port of Wafer bar code reader is not initialized. Wafer bar code reader needs RS232C extension board. Please reboot the machine after confirmation.	
3721	WAFER MAP ERROR	Timeout waiting for the communication port of the wafer bar code reader. Please check the port number of Wafer bar code reader. Please reboot the machine after confirmation.	
3722	WAFER MAP ERROR	Failed to read Wafer bar code.	
3723	WAFER MAP ERROR	Failed to seek Wafer map file.	
3724	WAFER DETECTION ERROR	Recognition result is larger than the half of the component pitch. Check the relation between the component position and the count. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
3725	WAFER DETECTION ERROR	Recognition result is larger than the half of the component pitch. Check the relation between the component position and the count. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
3726	CHECK TO SKIP READING WAFER MAP HALFWAY FILE	Error occurs during reading wafer map halfway file. Do you want to skip reading it?	

Ea : Application Error

No	Title	Message	Detail (Action)
3727	WAFER MAP HALFWAY ERROR	Failed to access the wafer map halfway file. Pallet _XXXX Barcode _XXXX	
3728	WAFER MAP HALFWAY ERROR	Failed to open the wafer map halfway file. Pallet _XXXX Barcode _XXXX	
3729	WAFER MAP HALFWAY ERROR	Failed to read the wafer map halfway file. Pallet _XXXX Barcode _XXXX	
3730	WAFER MAP HALFWAY ERROR	Failed to write the wafer map halfway file. Pallet _XXXX Barcode _XXXX	
3731	WAFER MAP HALFWAY ERROR	The wafer map halfway data is not equal to the amount of the parts. Pallet _XXXX Barcode _XXXX	
3732	WAFER MAP HALFWAY ERROR	No colon(:) was found in the wafer map halfway file. Pallet _XXXX Barcode _XXXX	
3733	WAFER MAP HALFWAY ERROR	Prohibited characters are found in the wafer map halfway file. Only the English alphabet and numeric characters are allowed. Pallet _XXXX Barcode _XXXX	
3735	Wafer image drive not ready.	File name _XXXX The drive that saves a file is not ready. Possible causes are: 1.External HDD is not connected. 2.A network is not connected. 3.No access right for writing data.	
3736	Wafer image preservation disk space is insufficient.	File name _XXXX The free space of the drive that saves a file is insufficient. The way things are going, data cannot be preserved. Please secure enough disk space in the following way: 1.Delete old inspection results. 2.Select another drive to save data to. 3.Wafer Image Save is turned off.	

Ea : Application Error

No	Title	Message	Detail (Action)
3737	Wafer Image Save Path does not exist.	File name _XXXX The folder that saves a file does not exist. Please deal in the following way: 1.Wafer Image Save Path is made. 2.Wafer Image Save Path is changed.	
3738	WAFER DETECTION ERROR	There are much differences between recognition correction and pitch of component. Check the relation between the component position and the count. Component data _XXXX Name _XXXX Pallet _XXXX	
3801	MACHINE DATA ERROR	The setting for FID camera position Z or Moving Height is not correct. Please check FID camera position Z and Moving Height of FID camera Z position. -Soft Limit < Position Z < Moving Height < +Soft Limit	
3802	BOARD DATA ERROR	Mark position Z in the mount data is outside moving area. Check the mark data. Mount data No. _XXXX	
3803	BOARD DATA ERROR	Board fiducial position Z is outside moving area. Check the mark data. Mark data No. _XXXX	
3804	BOARD DATA ERROR	BLOCK fiducial position Z is outside moving area. Check the mark data. Mark data No. _XXXX	
3805	BOARD DATA ERROR	LOCAL fiducial position Z is outside moving area. Check the mark data. Mount data No. _XXXX Fiducial data No. _XXXX	
3806	BOARD DATA ERROR	Board Badmark position Z is outside moving area. Check the mark data. Mark data No. _XXXX	
3807	BOARD DATA ERROR	BLOCK Badmark position Z is outside moving area. Check the mark data. Mark data No. _XXXX	
3808	BOARD DATA ERROR	LOCAL Badmark position Z is outside moving area. Check the mark data. Local Bad data No. _XXXX Mark data No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3809	BOARD DATA ERROR	The Target Load in component information is over the soft limit. Check the component information. Mount Inf. No. _XXXX Comp. Inf. No. _XXXX Name _XXXX Err Information _XXXX Error Information 1 : Pick, 2 : Dip, 3 : Mount	
3810	BOARD DATA ERROR	The Head can not control Force Data. Check the component information. Mount Inf. No. _XXXX Head No. _XXXX	
3811	BOARD DATA ERROR	There is no force control data for the target load of the component. Check the Board data & machine data. Mount Inf. No. _XXXX Comp. Inf. No. _XXXX Name _XXXX Err Information _XXXX Error Information 1 : Pick, 2 : Dip, 3 : Mount	
3812	MACHINE DATA ERROR	The setting for Force on Unlock or Force on Lock is not correct. Please check Force on Unlock and Force on Lock. -Soft Limit < Force on Unlock < Force on Lock < +Soft Limit	
3813	BOARD DATA ERROR	There is no force control sequence data for the target load specified in the component data. Check the Board data & machine data. Mount Inf. No. _XXXX Comp. Inf. No. _XXXX Name _XXXX Err Information _XXXX Error Information 1 : Pick, 2 : Dip, 3 : Mount	
3814	BOARD DATA ERROR	The dispense nozzle length specified in the Board data is not correct. Check the Board data & machine data.	
3815	BOARD DATA ERROR	The dispense nozzle length specified in the Board data is not exist. Check the Board data & machine data.	
3816	MACHINE DATA ERROR	The touch sensor pos X or Y or Z is over soft limit. Check the machine data. Head No. _XXXX	
3817	MACHINE DATA ERROR	The touch sensor start pos Z for 1st try is over soft limit. Start pos Z for 1st is the offset value from Unit pos Z. Check the machine data. Head No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3818	MACHINE DATA ERROR	The touch sensor start pos Z for 2nd try must be minus value. It is offset value from the 1st try result. Check the machine data.	
3819	MACHINE DATA ERROR	The resolution of touch sensor is not correct. The value must be pulse value. Check the machine data.	
3820	MACHINE DATA ERROR	The resolution of touch sensor is not correct. Check the machine data. Resolution 1st > Resolution 2nd	
3821	BOARD DATA ERROR	The pos X or Y in the height action is over soft limit. Check the Board data. Sequence Inf.No. _XXXX Height Inf.No. _XXXX	
3822	BOARD DATA ERROR	The mode in height action is not correct. The height action information specified in sequence information must be Local-Main. Check the Board data. Sequence Inf.No. _XXXX Height Inf.No. _XXXX	
3823	BOARD DATA ERROR	Illegal unit for dot dispensing. Defined unit for that head is out of range for adequate unit. Sequence Inf.No _XXXX Head number _XXXX Unit _XXXX	
3824	BOARD DATA ERROR	There is no dispense sequence for dot dispensing. Check the head and unit in [Sequence Inf.]. Sequence Inf.No _XXXX	
3825	3D RECOGNITION UNIT ERROR	This component cannot be recognized by 3D camera because this machine is not equipped 3D camera. Please change machine setting for 3D camera. Mount data _XXXX Component data _XXXX Name _XXXX	
3826	3D RECOGNITION CAMERA ERROR	This component cannot be recognized by 3D camera because this machine is not equipped with 3D camera. Please change camera setting for 3D multi camera. Mount data _XXXX Component data _XXXX Name _XXXX	
3827	COPLANARITY CHECKER CAMERA SETTING ERROR	There are wrong setting for coplanarity check camera. Please confirm some machine setting below. 1. Both "Dig.Multi B" and "Dig.Multi 3D" are needed in Camera type setting. 2. These two cameras must have same Max Comp. XY and Z size.	

Ea : Application Error

No	Title	Message	Detail (Action)
3828	3D ALIGNMENT TYPE ERROR	The Alignment Type of this component is not supported for 3D recognition. Mount data _XXXX Component data _XXXX Name _XXXX	
3830	BOARD DATA ERROR	The mark type of mark information specified in height action is not correct. Check the mark data. Sequence Inf.No. _XXXX Height Inf.No. _XXXX Mark No. _XXXX	
3831	BOARD DATA ERROR	The upper limit or lower limit specified in mark information is over soft limit. Check the mark data. Sequence Inf.No. _XXXX Height Inf.No. _XXXX Mark No. _XXXX	
3832	BOARD DATA ERROR	The upper limit or lower limit specified in mark information is not correct. Check the mark data. Upper Limit > Lower Limit Sequence Inf.No. _XXXX Height Inf.No. _XXXX Mark No. _XXXX	
3833	MACHINE DATA ERROR	The Laser height action data is not correct. . Is soft limit of result correct? .- Soft limit of Result < + Soft limit of Result	
3834	BOARD DATA ERROR	The mark No. specified in height action is not correct. Check the mark data. Sequence Inf.No. _XXXX Height Inf.No. _XXXX Mark No. _XXXX	
3835	BOARD DATA ERROR	It is impossible for height correction with a mark set "SKIP" or "SELECT" to link with multiple part of tray changer. Sequence Inf.No. _XXXX Height Inf.No. _XXXX	
3836	BOARD DATA ERROR	It is impossible for fiducial data with a mark set "SKIP" or "Select" to link with multiple badmark data. Mount(Sequence) No. _XXXX	
3837	BOARD DATA ERROR	It is impossible for fiducial data with a mark set "SKIP" or "Select" to link with multiple badmark data. Dot Dispense No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3838	BOARD DATA ERROR	It is impossible for height data to link with multiple fiducial data. Sequence Inf.No. _XXXX	
3839	BOARD DATA ERROR	It is impossible for height data with a mark set "SKIP" or "Select" to link with multiple badmark data. Sequence Inf.No. _XXXX	
3840	BOARD DATA ERROR	It is impossible for fiducial data with a mark set "SKIP" or "Select" to link with no badmark data. Mount(Sequence) No. _XXXX	
3841	BOARD DATA ERROR	It is impossible for fiducial data with a mark set "SKIP" or "Select" to link with no badmark data. Dot Dispense No. _XXXX	
3842	BOARD DATA ERROR	It is impossible for height data with a mark set "SKIP" or "Select" to link with no badmark data. Sequence Inf.No. _XXXX	
3843	MACHINE DATA ERROR	A : Multi-MACS Z POS for Multi Camera B : Moving Height for Moving Camera A must be smaller than B.($A < B$) Please check the machine data.	
3844	WARNING! BOARD DATA MOUNT POSITION	A position in MOUNT INFO. is outside Board. It is dangerous for the machine to start the production in this condition. Please check Board data again. Mount data _XXXX	
3845	WARNING! BOARD DATA SEQUENCE POSITION	A position in SEQUENCE INFO. is outside Board. It is dangerous for the machine to start the production in this condition. Please check Board data again. Sequence Inf.No _XXXX	
3846	MACHINE DATA ERROR	Tray Changer Position setting is illegal. Please, check the following items; When [Installation Setting]-[Tray Change Position Y] is set to Front(Rear), [Mechanical]-[Position]-[Edge Clamp] must be bigger(smaller) than the following item. (ATS)[Tray Changer]-[Position]-[Pallet]-Origin Y (YTF)[Tray Changer]-[Position]-[Station1]-Pick Pos.Y (WT) [Tray Changer]-[Position]-[Machine Pick Pos]-Machine Y Axis	

Ea : Application Error

No	Title	Message	Detail (Action)
3847	BOARD DATA ERROR	There is an illegal parameter in component data set "Simple BGA". "Ball Amount" must be set 1 or bigger. "Ball number N/E" must be set 1 or bigger. "BGA Pitch" must be set 0.001 or bigger. Component Data _XXXX Name _XXXX	
3848	BOARD DATA ERROR	There is a wrong mark data referenced from Sequence Inf. Please, check the following items; The mark data does not exist. The mark data number is illegal value. Mark Type is not Fiducial for Check or Bad for Check. Mark Mode is not available for this machine. Src.Offset and Diff.Pos are active at the same time. Sequence Inf.No _XXXX Mark data _XXXX Name _XXXX	
3849	BOARD DATA ERROR	"Max. Area Ratio" and "Min. Area Ratio" of mark data are wrong value. "Max. Area Ratio" has to be same as "Min. Area Ratio" or more than it. Mark data _XXXX Name _XXXX	
3850	MACHINE DATA ERROR	The laser height measurement coordinates on a dot station are over the soft limit. The dot station effective range should check in operation within the limits of a laser unit.	
3851	BOARD DATA ERROR	The laser height measurement coordinates on a Board for pre-dispense are over the soft limit. Please change the coordinates. Or please make it height compensation un-using it. Pre Dispense No. _XXXX Axes _XXXX	
3852	WARNING: CANNOT EXECUTE HALFWAY CONTINUE	This data has too many mount data and it cannot execute Halfway Continue correctly. Total mount points which include "Skip" must be less than 20000 points. If you modify Board data please change Mount Info and Block Offset Info.	
3853	MACS DATA ERROR	There is wrong parameter in mark database for FES MACS. because of following reasons; - Mark Type is not "Fiducial". - Algorithm Type is "PTRN ?". Database No. _XXXX	
3854	MACS DATA ERROR	There is wrong parameter in mark database for Wafer Thermal MACS. because of following reasons; - Mark Type is not "Fiducial". - Algorithm Type is "PTRN ?". Database No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3855	MACS DATA ERROR	There is wrong parameter in mark database for Nozzle Station MACS. because of following reasons; - Mark Type is not "Fiducial". - Algorithm Type is "PTRN ?". Database No. _XXXX	
3856	MACS DATA ERROR	There is wrong parameter in component database for Multi MACS. because of following reason; - Alignment Type is "BGA" or "FlipChip" or "Ignore". Database No. _XXXX	
3857	MACHINE DATA ERROR	[Machine Information]-[Installation setting]- [Multi MACS] is illegal setting. For this machine, [Multi MACS 1], [Multi MACS 2], [Multi MACS 1&2] these settings are not available. Please use [Multi MACS A]	
3858	MACHINE DATA ERROR	[Machine Information]-[Option setting]-[Conveyor Spec] is illegal setting. For this machine, [Manual Return], [Demo Return] these settings are not available.	
3859	MACHINE DATA ERROR	In [Machine Data]-[Mechanical]-[Position]-[Fiducial], [Data Copy] setting is "Use", but fiducial data was not adjusted. Counter measures : 1. Please adjust fiducial data. 2. Please change [Data Copy] setting from "Use" to "Not Use". Error Detail No. _XXXX	
3860	MACHINE DATA ERROR	There is an illegal value in [MACHINE]-[Pick PositionSpecification] CAUSE: 1.[Start Sample Num.] or [Max Sample Num.] is 0. 2.[Start Sample Num.] is larger than [Max Sample Num.].	
3864	MACHINE DATA ERROR	The change of the following [Machine Data] was detected. [Edge Clamp X],[Edge Clamp Y],[Wait Point Y] In [Machine Data]-[Mechanical]-[Position]-[Fiducial], [Data Copy] setting is "Use", but this function has the possibility that faulty operation is done by the above change. Please do the following countermeasures. 1. Please carried out [FidCopy] adjustment, and restart machine. 2. Please change [Data Copy] setting from "Use" to "Not Use". 3. Please change above [Machine Data] to original value. Error Detail No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3866	BOARD DATA ERROR	The temperature of Dsp Head specified with the Board data is unusual. The temperature setting must be set in less than [Max.Temp.]of the machine data. Please change the setting in Board data.	
3867	BOARD DATA ERROR	[Skip Retry] and [Group Retry] can't be used at the same time. Counter measures : Please change either data. 1.Please change the data of [Skip Retry] to [NotUse]. 2.Please change the data of [Retry Sequence] to [Block] or [Auto].	
3868	BOARD DATA ERROR	[Skip Retry] and [Tray Priority] can't be used at the same time. Counter measures : Please change either data. 1.Please change the data of [Skip Retry] to [Not Use]. 2.Please change the data of [Tray Priority] to [Not Use].	
3869	BOARD DATA ERROR	[Skip Retry] and [Parts Group No.] can't be used at the same time. Counter measures : Please change either data. 1.Please change the data of [Skip Retry] to [Not Use]. 2.Please do not use [Parts Group No].	
3871	MACHINE DATA ERROR	The setting for Multi MACS Z is not correct. Please check Multi MACS Z. -Soft Limit < Multi MACS Z < +Soft Limit	
3872	MACHINE DATA ERROR	Initial Position of R axis is illegal. [Machine Data]-[Mechanical]-[Axis Soft Limit]-[R Initial Position] This parameter may occur soft limit over of R axis. Please adjust an initial position of R axis to fulfill the following conditions. 195 + Initial Position < Plus Side Soft Limit -165 + Initial Position > Minus Side Soft Limit Table No _XXXX	
3873	COMPONENT GROUP NUMBER ERROR	The Upper stage has the component which has bigger Component Group Number than Lower stage component. It is impossible to mount component according to Component Group Number. Please check Component Group Number in Component Info. Comp No. _XXXX Name _XXXX	
3877	BOARD DATA ERROR	Required Nozzle in the comp information is not suited for load control. To control load, required the buffing type nozzle. Please check the follow information. [Machine spec]-[Nozzle Specification]-[Nozzle data] Mount No _XXXX Comp No _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3878	BOARD DATA ERROR	Target Load of Comp information is over max or minimum value. Please check the follow information. [Machine spec]-[Force Control]-[Spring Specification] Mount No _XXXX Comp No _XXXX Name _XXXX Err Information _XXXX Error Information 1 : Pick, 2 : Dip, 3 : Mount	
3879	BOARD DATA ERROR	Spring force convert Table is wrong. Please check the follow information. [Machine spec]-[Force Cntrol]-[Basic/Convert] Mount No _XXXX Comp No _XXXX Name _XXXX	
3880	BOARD DATA ERROR	Force control setting is "High Accuracy" or "Only Unlock" in the Component information. Force control of this machine supports is only "Simplicity". Please change the setting. Mount No _XXXX Comp No _XXXX Name _XXXX Err Information _XXXX Error Information 1 : Pick, 2 : Dip, 3 : Mount	
3881	MACHINE DATA ERROR	The calibration station pos X or Y or Z is soft limit over. Check the machine data. Head No. _XXXX	
3882	MACHINE DATA ERROR	The calibration station changed speed pos Z is soft limit over. changed speed pos Z is the offset value from Unit pos Z. Check the machine data. Head No. _XXXX	
3883	MACHINE DATA ERROR	The Speed for calibration is illegal. Please check the follow information. [Machine spec]-[Force Control]-[Basic/Convert] -[Velocity for 1st Try] or [Velocity for 2nd Try]	
3884	BOARD DATA ERROR	Machine head specified by mount or sequence information doesn't have the nozzle that can control the load. Please execute the following measures. - Change the head number that can control the load. - Change the nozzle that can control the load. Mount No _XXXX Comp No _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3886	BOARD DATA ERROR	Machine head specified by mount or sequence information requires Force control. Please check the followings: - If the machine head does not have force control, correct the head number in the mount or sequence information. - If machine has a head with force control, change SpringType in: [Machine spec]-[Force Control]-[Basic/Convert] Mount No _XXXX Comp No _XXXX Name _XXXX	
3887	COPLANARITY CHECKER FINE MODE ERROR	Coplanarity checker cannot handle FINE mode component (Single camera). Please change Mount Sequence setting except "FINE". Mount data _XXXX Component data _XXXX Name _XXXX	
3888	COPLANARITY CHECKER INSPECTION MODE ERROR	The coplanarity checker inspection mode is set to [Normal], though the component has leads only on NS or EW side. Please set to [Fast]. Mount data _XXXX Component data _XXXX Name _XXXX	
3889	COPLANARITY CHECKER INSPECTION MODE ERROR	Inspection mode setting is not available for this Alignment type. BGA : [Normal(BGA)] is available. Others : [Fast] or [Normal] are available. Please check inspection mode setting. Mount data _XXXX Component data _XXXX Name _XXXX	
3890	BOARD DATA ERROR	The specified dispense sequence is unusual. Please check the following items. 1.Up Speed or Down Speed is 0(%) 2.Up End Position < Z Height For Next Job 3.Up End Position <= Slow Up Distance Dot Dispense Info.No SpDat[MNTnum_inf0] Head No. SpDat[HEDnum_inf1]	
3891	BOARD DATA ERROR	The specified dispense sequence is unusual. Please check the following items: 1.Up Speed or Down Speed is 0(%) 2.Up End Position < Z Height For Next Job 3.Up End Position <= Slow Up Distance Pre Dispense Info.No SpDat[MNTnum_inf0] Head No. SpDat[HEDnum_inf1]	
3892	BOARD DATA ERROR	The specified dispense sequence is unusual. Please check the following items: 1.Up Speed or Down Speed is 0(%) 2.Up End Position < Z Height For Next Job 3.Up End Position <= Slow Up Distance Sequence Inf.No SpDat[MNTnum_inf0] Head No. SpDat[HEDnum_inf1]	

Ea : Application Error

No	Title	Message	Detail (Action)
3893	BOARD DATA ERROR	"Tray Amount" or "Current Tray" of component data is unusual. In "Waffle TC" Component, it is necessary to input an initial value into "Tray Amount" and "Current Tray". Please set it first to "Fix. TF" in Component Info, and enter an initial value into "Tray Amount" and "Current Tray". After that return it to "Waffle TC". Mount data _XXXX Component data _XXXX Name _XXXX	
3894	BOARD DATA ERROR	The dispense nozzle length specified in the board data is not correct. A safe movement can't be done with the specified head. Check the board data & machine data. Head No. _XXXX	
3896	CHECK THE WARMUP START	The sensor on the conveyer is reactive. Please confirm the state of the machine and remove the cause. The state of the sensor on the conveyer can be confirmed from the [Unit] window. It is also possible to force it by executing the warm-up again. However, there is danger with which the stopper and the Board interfere when the warm-up is executed under such a condition.	
3897	NOZZLE TOUCH POINT OFFSET IS ILLEGAL	Nozzle Touch Point Offset of Component Info is over Body size Z. If operation is continued, there is a possibility of damaging a nozzle. Component data _XXXX Name _XXXX	
3898	NOZZLE GUIDE LENGTH IS ILLEGAL	Nozzle Guide Length setting in [Machine]-[Mount Nozzle Specification]-[Nozzle Data] is over Body size Z If operation is continued, there is a possibility of damaging a nozzle. Component data _XXXX Name _XXXX	
3899	NOZZLE TOUCH POINT OFFSET OR NOZZLE GUIDE LENGTH ARE ILLEGAL	Nozzle Touch Point Offset of Component Info or Nozzle Guide Length over Body size Z. If operation is continued, there is a possibility of damaging a nozzle. a location of Nozzle Guide Length is [Machine]-[Mount Nozzle Specification]-[Nozzle Data] Component data _XXXX Name _XXXX	
3900	WARNING : HEAD TYPE SETTING	Some heads are set to [None] in [Setting]-[Head Offset]-[Head Type] Though you can continue to run the machine, there is some possibility of damaging nozzle or head if the head is down. Please check machine condition and machine setting before you continue to run.	

Ea : Application Error

No	Title	Message	Detail (Action)
3901	PCB DATA ERROR	Though it is set that locate pin is none in machine setting, Board Fix Device is set to [Locate Pin] or [Pin+PushUP]. Please change to [Edge Clamp]. If you would like to use [Locate Pin] or [Pin+PushUP], please install a special function from application CD.	
3902	WARNING : PICK POSITION FOR TRAY	The position for the tray is out of range for the palette. Component data _XXXX Name _XXXX There is a possibility that heads may interfere Palette Edge, Camera, and Nozzle Station. <Check Point> Parts Info - Pick - Pick Position Parts Info - Tray - Comp Amount X,Y / Comp Pitch X,Y Parts Info - Tray - Tray X,Y / Tray Pitch X,Y	
3903	MACHINE DATA ERROR	Illegal database number is set to the following nozzle type of VmSpec - Specification Information - Schedule Specification - Nozzle Check. NozzleType TYPE _XXXX Please check the following. - Check the database number for nozzle check. - Check the database information of selected database number.	
3904	BOARD DATA WARNING	The max parts height is too high. [max parts height] + [mount height offset] must be lower than [recognition plane height]. Please check the following setting value. Pcb Info - Board - Parts Height Carry In Parts Info - Shape - Body Size Z Machine Setting - Mount height offset	
3905	Alternative component error	"Part Group Number" is not same as original one. In Static Components,the component data of same name are dealt with the alternative component. Each alternative components needs to be same as the above condition.	
3906	Feeder Set No. error	It cannot pick up parts from this feeder set position. [Feeder Set No.] or [Feeder Type] of this parts is not available because these setting is not permitted in the machine setting [Machine]-[Setting]-[Specification Information]-[Plate Specification]. Please modify [Feeder Set No.] or [Feeder Type] in appropriate value.	
3907	CAUTION:SOME COMPONENTS ARE NOT POSSIBLE TO MOUNT	When the following component were mounted, the already mounted component and the picked component may hit. Please check the board data. Mount Height Offset _XXXX [mm] [Already Mounted Component] Mount data _XXXX Component data _XXXX Name _XXXX [Picked Component] Mount data _XXXX Component data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3908	CAUTION:SOME COMPONENTS ARE NOT POSSIBLE TO MOUNT	When the following component were mounted, the Carry In Components and the picked component may hit. Please check the board data. Mount Height Offset _XXXX [mm] Carry In Components Height _XXXX [mm] [Picked Component] Mount data _XXXX Component data _XXXX Name _XXXX	
3910	COMPONENT DATA ERROR	Pos. Definition must be set to "Teaching" or "Relative" for TTF feeder component. Ensure that the correct pick position and pick height is set for TTF lane. Please teach pick position X, Y and set pick height for left lane = -1,8mm and right lane = 0.0mm. Component data _XXXX Name _XXXX	
3911	COMPONENT DATA ERROR	This machine does not support the force control on dip action. The force control of dip action should be "No" in parts information. Please check the parts information. Mount data _XXXX Component data _XXXX Name _XXXX	
3912	COMPONENT DATA ERROR	This machine does not support the force control on pick action. The force control of pick action should be "No" in parts information. Please check the parts information. Mount data _XXXX Component data _XXXX Name _XXXX	
3913	ERROR! BOARD DATA MOUNT POSITION	A position in MOUNT INFO. is outside Board. It is dangerous for the machine to start the production in this condition. Please check Board data again. Mount data _XXXX	
3914	ERROR! BOARD DATA SEQUENCE POSITION	A position in SEQUENCE INFO. is outside Board. It is dangerous for the machine to start the production in this condition. Please check Board data again. Sequence Inf.No _XXXX	
3915	ERROR! BOARD DATA DOT DISPENSING POSITION	A position in DOT DISPENSING INFO. is outside Board. It is dangerous for the machine to start the production in this condition. Please check Board data again. Dot Dispense data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3916	ERROR! BOARD DATA PRE-DISPENSING POSITION	A position in PRE-DISPENSING INFO. is outside Board or Dot-Station. It is dangerous for the machine to start the production in this condition. Please check Board data again. Pre-Dispense data _XXXX	
3917	ERROR! BOARD DATA PRE-DISPENSING POSITION	A position in PRE-DISPENSING INFO for correction amount confirmation action. is outside Board or Dot-Station. It is dangerous for the machine to start the production in this condition. Please check Board data again. Pre-Dispense data _XXXX	
3919	ERROR! PICK UP COORDINATE INTERFERE	Do not pick up following parts. The multi camera unit may be damaged. Move the pick up X-coordinate of this parts more than _XXXX [mm]. Parts No. _XXXX Parts name _XXXX Head No. _XXXX	
3920	ERROR! PICK UP COORDINATE INTERFERE	Do not pick up this part. The multi camera unit may be damaged. Move the pick up X-coordinate of this part more than _XXXX [mm].	
3921	MACHINE DATA ERROR	Both [Locate Pin] and [Twin Push Up] are set to "Exist" in [Machine Information]-[Installation setting]. Please change one of them to "None" and load a board data again.	
3922	COMPONENT DATA ERROR	The function "Sp. Dump Back" cannot be used for Waffle Tray Changer. Please check "Dump Way" in Component Information. Parts No. _XXXX Parts Name _XXXX	
3923	DENSITY CALC RESULT	DENSITY _XXXX mm <The 1st Point> Machine Name _XXXX Mount Data _XXXX Comp.No _XXXX <The 2nd Point> Machine Name _XXXX Mount Data _XXXX Comp.No _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
3924	DISPENSE PROTECT	<p>The data of dispense which is less than the appointed restriction value exists. Check the quantity of dot(pre)dispense in board data, and rate of nozzles in machine data.</p> <p>1:Pre dispense 2:Dot dispense 3:Sequence</p> <p>Kind _XXXX Dispense data No._XXXX Quantity _XXXX Nozzle(Type) _XXXX Rate _XXXX Dispense Low Limit(ms) _XXXX</p>	
3925	BOARD DATA ERROR	<p>When the alternative components loop is made from Auto tray changer components and Fix tray components, Size of components in the loop must be within 2. Start component number of loop is Component data _XXXX Name _XXXX</p>	
3932	BOARD DATA ERROR	<p>Target position of transfer axis is outside moving area. Axes _XXXX Please check follows items. - Board data/Board Size X - Board data/Transfer Offset T1 - Board data/Transfer Offset T2 - Machine data/Soft limit</p>	
3933	BOARD DATA ERROR	<p>Target position of stage axis is outside moving area. Axes _XXXX Please check follows items. - Board data/Board Size Y - Board data/Transfer Offset U - Machine data/Soft limit</p>	
3935	Mark information is not correct. (Pcb CodeScan)	<p>Mark NoSpDat_XXXX</p> <p>Cause - Mark information on the PcbCode scanning doesn't exist. - Mark information is not only for the 2D Code.</p> <p>Measures Please confirm mark information. - Does mark information exist? - [Mark] - [Base] - [Mark Type] Is it "2D Code "?</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
3936	Mark information is not correct. (Block CodeScan)	Mark NoSpDat_XXXX Cause - Mark information on the BlockCode scanning doesn't exist. - Mark information is not only for the 2D Code. Measures Please confirm mark information. - Does mark information exist? - [Mark] - [Base] - [Mark Type] Is it "2D Code"?	
3937	Please confirm the PcbCode scanning position.	Axis name_XXXX Cause The axis coordinates are outside range of motion. Measures Please correct positional coordinates in range of motion.	
3938	Please confirm the BlockCode scanning position.	Axis nameSpDat_XXXX Cause The axis coordinates are outside range of motion. Measures Please correct positional coordinates in range of motion.	
3939	Please confirm mark information (Pcb CodeScan).	Mark NoSpDat_XXXX Cause The height of recognition is outside range of motion. Measures [Mark] - [Vision] - [Height] Please confirm it.	
3940	Please confirm mark information (Block CodeScan).	Mark NoSpDat_XXXX Cause The height of recognition is outside range of motion. Measures [Mark] - [Vision] - [Height] Please confirm it.	

Ea : Application Error

No	Title	Message	Detail (Action)
3944	Nozzle type is mismatched.	<p>There is a mismatch against a nozzle type that is specified in mount data. We recommend that you push the cancel button and carry out a optimization to choose a matching nozzle. However, if you mind the below, you can push the OK button and choose a suitable nozzle automatically. Please be careful to the following points enough.</p> <ol style="list-style-type: none"> 1. When it is carried out here to choose a nozzle type automatically, the mount interference check is not carried out. Therefore, there is a possibility of interference with a mounted parts and the nozzle. 2. "*" is displayed on updated "No." of data, because the nozzle type in the mount data is updated automatically. In addition, the message of save confirmation is displayed when a board data is switched or the power supply of the machan is turned off. 	
3945	HEAD SHAFT DIAMETER ERROR	<p>The sum of following shaft radius is too large relative to distance of them..</p> <p>Head No _XXXX Head No _XXXX .</p> <p>Please check following items in machine property.</p> <ul style="list-style-type: none"> - Head Offset -X,Y - Head Offset - Diameter 	
3946	BOARD DATA ERROR	<p>It is impossible to carry out mounting by the following head, because the mount position is out of movable area for the head. Please execute optimization, or try to set the other head number.</p> <p>Block No _XXXX Mount data _XXXX Head No _XXXX Component data _XXXX Name _XXXX It is judged in consideration of the margin of the board fixed condition, the position of the parts picked up, and so on. This error may be displayed, even if the Board Data was edited by "teaching", "trace", and so on.</p>	
3947	WARNING : Movable Area From Board Edge Setting	<p>The setting in Machine Data is not correct. (in [Setting]-[Machine Data]-[Mechanical])</p> <p>Table _XXXX It is necessary to review the setting, because there is a possibility that optimization does not function correctly.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - When the position of main stopper was changed, the setting of "Movable Area From Board Edge X" was not set again. - The setting of "Data Check Org X" is not correct. <p>When Optimization by offline software is executed, machine re-registration by the system data after the setting change</p>	<p>Please correct the setting to meet the following right conditions.</p> <p>A = "Soft Limit X+" - "Data Check Org X" + 2mm B = "Movable Area From Board Edge X+" The difference between A and B should be within 6mm.</p> <p>The other reason why this error is displayed is that the machine assembly error margin exceeds the permissible value.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
3948	WARNING : Movable Area From Board Edge Setting	<p>The setting in Machine Data is not correct. (in [Setting]-[Machine Data]-[Mechanical])</p> <p>Table _XXXX It is necessary to review the setting, because there is a possibility that optimization does not function correctly.</p> <p>The following causes are thought. - When the position of main stopper was changed, the setting of "Movable Area From Board Edge X" was not set again. - The setting of "Data Check Org X" is not correct.</p> <p>When Optimization by offline software is executed, machine re-registration by the system data after the setting change</p>	<p>Please correct the setting to meet the following right conditions. A = "Soft Limit X-" - "Data Check Org X" - 2mm B = "Movable Area From Board Edge X-" The difference between A and B should be within 6mm.</p> <p>The other reason why this error is displayed is that the machine assembly error margin exceeds the permissible value.</p>
3949	BOARD DATA ERROR	<p>A specified nozzle in the mount data is not appropriate. In the case of a generating nozzle, please change to a specified nozzle or optimize. In the case of a manual change nozzle, please optimize.</p> <p>Mount Number _XXXX Comp Number _XXXX Name _XXXX Head _XXXX Nozzle Type _XXXX</p>	
3950	Please check [parts height carry in(mm)]	<p>Solution: Please check the actual value of [parts height carry in (mm)] and debug the board data. [Board] Button - [Board] Tab - [parts height carry in (mm)] If this value is sure, Scan Camera and the parts on the board have interference. Please move the parts which is higher than "Interference Height" to the next machine.</p> <p>Cause: Scan Camera and the parts on the board have interference, because [parts height carry in (mm)] is higher than "Interference Height".</p> <p>parts height carry in _XXXX [mm] Interference Height _XXXX [mm]</p>	
3951	Warning:Please check [parts height carry in (mm)]	<p>Solution: Please check the actual value of [parts height carry in (mm)] and debug the board data. [Board] Button - [Board] Tab - [parts height carry in (mm)] If this value is sure, there is a possibility that Scan Camera and the parts on the board have interference. It is more safety to move the parts which is higher than "Interference Height" to the next machine.</p> <p>parts height carry in _XXXX [mm] Mount Height Offset _XXXX [mm] Interference Height _XXXX [mm]</p>	<p>Cause: There is a possibility that Scan Camera and the parts on the board have interference, because the value of [parts height carry in (mm)] is higher than "Interference Height". Such possibility is affected by the bend of the board, the solder thickness and the thickness error margin of the parts (Mount Height Offset).</p>

Ea : Application Error

No	Title	Message	Detail (Action)
3952	Feeder Pitch is not set to the following parts data.	<p>Solution:</p> <p>Check the parts data and set correct Feeder pitch.</p> <p>PartsNum _XXXX</p>	<p>In case that Reference of feeder pitch specification is selected to Board data. there is a part fed from a tape with Not set data for Pitch Index in Parts Information.</p> <p>Input correct pitch data to Pitch Index in Parts Information for all parts fed from tapes.</p>
3953	Feeder pitch is not set to the following feeder.	<p>Solution:</p> <p>Check the feeder and set correct Feeder pitch.</p> <p>Feeder Set No _XXXX</p>	
3954	Attached feeder type is different from parts data.	<p>Solution:</p> <p>One feeder can not manage multiple feeder pitch. Some Parts data use one feeder by multiple feeder pitch. Correct the parts data.</p> <p>Feeder Set No _XXXX</p>	<p>When the same Feeder Set No. is specified for some parts fed from tapes, Pitch Index data for each are different.</p> <p>Input the same Pitch Index in Parts Information for all parts with common Feeder Set No..</p>
3955	The feeder that uses it by production is not attached.	<p>Solution:</p> <p>Set the Correct Feeder.</p> <p>PartsNum _XXXX</p> <p>SetNum _XXXX</p>	
3956	Attached feeder type is different from parts data.	<p>Solution:</p> <p>Attach the Correct Feeder.</p> <p>PartsNum _XXXX</p> <p>SetNum _XXXX</p>	
3957	Feed Timer Error	<p>The Feed Timer of the specified feeder pitch is invalid.</p> <p>PartsNum _XXXX</p> <p>SetNum _XXXX</p> <p>solution:</p> <p>Please confirm the Feed Timer of the feeder pitch specified by parts information.</p> <p>Cause:</p> <p>The set Feed Timer is invalid.</p>	<p>Pitch Index data is invalid for Feeder Type specified in Parts Information. Input correct Pitch Index for Feeder Type specified.</p>
3958	No Moving camera exist.	<p>No moving camera exist on the table below. Please check the machine data. [Machine data] - [Camera] - [Position/Specification]</p> <p>Table _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
3962	DATA CHECK ERROR	3A Correction cannot work under the current condition. Please check the following items. [Print]-[Board]-[Board Fiducial] must not be [Not Use].	
3963	DATA CHECK ERROR	3A Correction cannot work under the current condition. Please check the following items. [Print]-[Board]-[Fiducial Type] must be [2 Points].	
3964	DATA CHECK ERROR	3A Correction cannot work under the current condition. Please check the following items. [Print]-[Mask]-[Mask Fiducial] must not be [Not Use].	
3965	DATA CHECK ERROR	3A Correction cannot work under the current condition. Please check the following items. [Print]-[Squeegee]-[F.&B.Mask Offset] must be [Same Offset].	
3966	BOARD DATA ERROR	Board Fiducial data is selected to "No Execute". Please change Board Fiducial data to "Execute" when you execute 3A Correction.	
3967	PARTS DATA ERROR	The following parts can't be mounted with 3A Correction. Please check the Alignment Type of Parts information. PartsNum _XXXX PartsName _XXXX	
3968	BOARD DATA ERROR	Difference between Mask Datum position and standard mounting position is over the limit of _XXXX mm at the following Mount point. Please check "Mask Datum". Mount Num _XXXX	
3969	BOARD DATA ERROR	More than two offset data exist in offset information. Please execute "Block Distribute" when you execute 3A Correction.	
3970	ALTERNATIVE COMPONENT ERROR	"3A Correction" is not same as original one. Start component of loop is following. CompNum _XXXX CompName _XXXX For Static Components, components with the same name are treated as Alternative Parts.	

Ea : Application Error

No	Title	Message	Detail (Action)
3971	WARNING : Movable Area From Board Edge Setting	<p>The setting in Machine Data is not correct. (in [Setting]-[Machine Data]-[Mechanical])</p> <p>Table _XXXX It is necessary to review the setting, because there is a possibility that optimization does not function correctly.</p> <p>The following causes are thought. - The setting of "Movable Area From Board Edge Offset X" is incorrect. - The setting of "Movable Area From Board Edge Offset X2" is incorrect. - The setting of "Data Check Org 2 X" is incorrect.</p> <p>When Optimization by offline software is executed,</p>	
3972	MACHINE DATA ERROR	<p>The setting in Machine Data is not correct. (in [Setting]-[Machine Data]-[Mechanical]-[Position]-[Wait Point]- [Y(mm)])</p> <p>Table _XXXX Please set position of outside than _XXXX mm.</p>	
3973	DATA CHECK ERROR	<p>3A Correction does not support Local Fiducial. If you execute 3A Correction, please change the Local Fiducial into a skip.</p>	
3974	Please check [Edge Clamp] and [Data Check Org.] position	<p>Action List for recovery: (with possibility order) - Please start calibration by [Utility] button, and execute Teaching of [Edge Clamp] from [Position] button.</p> <p>Cause: The Y axis offset value calculated from [Data Check Org Y] is greatly different from the design value. There is a possibility that Y axes interfere.</p> <p>Mount Table _XXXX Y axis offset value (design value) _XXXX [mm] Y axis offset value _XXXX [mm]</p>	
3975	MACHINE DATA ERROR	<p>Cannot use SingleCamera-MACS. Please check the following items.</p> <p>[Setting][Option setting][Multi Detection] must be [Standard].</p>	
3976	WARNING : Stride Board Buffering Upper Setting	<p>The setting of "Upper Handling" is not "ADVANCED_GATE" though the setting of "Stride Board Buffering(Upper)" is "Enable". It need to be set "ADVANCED_GATE" so that "Stride Board Buffering(Upper)" work effectively.</p> <p>Please confirm the setting as follows.</p> <p>1. [Setting]-[Installation Setting]-[Upper Handling] : ADVANCED_GATE 2. [Setting]-[Installation Setting]-[Stride Board Buffering(Upper)] :</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
3977	WARNING : Stride Board Buffering Lower Setting	<p>The setting of "Lower Handling" is not "ADVANCED_GATE" though the setting of "Stride Board Buffering(Lower)" is "Enable". It need to be set "ADVANCED_GATE" so that "Stride Board Buffering(Lower)" work effectively.</p> <p>Please confirm the setting as follows.</p> <p>1. [Setting]-[Installation Setting]-[Lower Handling] : ADVANCED_GATE 2. [Setting]-[Installation Setting]-[Stride Board Buffering(Lower)] :</p>	
3978	BORAD EXISTANCE CHECK BEFORE INIT ORIGIN	<p>"Init Origin" is executed. Please check a Board existance on the Conveyor.</p> <p>If it exists, please remove the board on the conveyor after pressing the "EMERGENCY STOP".</p> <p>Do you want to start "Init Origin"?</p> <p>[YES] Start "Init Origin" [NO]Abort</p>	
3980	The table of the wafer is empty.	<p>The table of the wafer is empty. Please input the table.</p> <p>Mount Num _XXXX</p>	
3981	The table of the wafer is empty.	<p>The table of the wafer is empty. Please input the table.</p> <p>Sequence Inf.No _XXXX</p>	
3982	The table of the check is empty.	<p>The table of the check is empty. Please input the table.</p> <p>Sequence Inf.No _XXXX</p>	
3983	FAMF SETTING ERROR	<p>The machine can not start auto-running, because the mount data doesn't exist in the adjustment table.</p> <p>There is a possibility that the adjustment table is wrong or the board data is wrong.</p> <p>Please execute it again after checking the following items.</p> <p>1. Reload the correct board data 2. Select the table where the mount data exists</p>	
3987	BLOCK SKIP OF THE BOARD DATA AFTER BLOCK OFFSET DISTRIBUTION	<p>The "Block skip of the Board Data after block offset distribution" function was enabled. When auto run is begun, the mount is skipped by the set information.</p> <p>[OK]Continue auto-running [Cancel]Abort</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
3988	Failed to read Mark DataBase.	The reading of a necessary mark database is not completed.	
3989	Recovery Pallet Setting Error	<p>The setting of "Recovery Pallet Number" is incorrect. Please confirm the machine setting, and set the pallet number that belongs to the specified magazine.</p> <p>The setting is in the following. [Setting] - [Machine Data] - [Tray Changer] - [Position]</p>	
3990	Recovery Pallet Setting Error	<p>Though it is set that Recovery Pallet is "use", "Recovery Pallet Number" is not set.</p> <p>Please set the pallet number that is used as Recovery Pallet.</p> <p>The setting is in the following. [Setting] - [Machine Data] - [Tray Changer] - [Position]</p>	
3991	Recovery Pallet Disable to Access	<p>The dump action to Recovery Pallet is disable, because the part would be picked up by the head that can not access to Recovery Pallet.</p> <p>Measures method: 1. Change the setting of Dump Way 2. Change the setting of Feeder Set No.</p> <p>Parts No._XXXX Name_XXXX</p>	
3992	Recovery Pallet Parts Size Error	<p>The dump action to Recovery Pallet is disable, because the parts size exceed the size to dump to Recovery Pallet.</p> <p>Either of the following are thought as a cause. 1. "Body Size X" of parts is larger than "Max Parts Size Y" in machine settings. 2. "Body Size Y" of parts is larger than "Max Parts Size X" in machine settings.</p> <p>It is necessary to change Dump Way or machine settings.</p> <p>The setting is in the following. [Setting] - [Machine Data] - [Tray Changer] - [Position]</p> <p>Parts No._XXXX Name_XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
3993	Recovery Pallet Parts Size Error	<p>The dump action to Recovery Pallet is disable, because the parts size exceed the size to dump to Recovery Pallet.</p> <p>The following is thought as a cause. "Body Size Z" of parts is larger than "Max Parts Thickness" in machine settings.</p> <p>It is necessary to change Dump Way or machine settings.</p> <p>The setting is in the following. [Setting] - [Machine Data] - [Tray Changer] - [Position]</p> <p>Parts No._XXXX Name_XXXX</p>	
3994	Recovery Pallet Disable to Use	<p>Though it is set that Dump Way of the part is "Recovery Unit", the dump action to Dump Station is disable and the dump action to Recovery Pallet is disable.</p> <p>Measures method: 1. Change the setting of Dump Way 2. Change the setting of Feeder Set No.</p> <p>Parts No._XXXX Name_XXXX</p>	
3995	Recovery Pallet Interfere Error	<p>The pallet to supply parts and the Recovery Pallet interfere. The part thickness on the pallet etc. are considered and judged.</p> <p>Either of the following are thought as a cause. 1. The Recovery Pallet exists between "Pallet No. Start" and "Pallet No. End". 2. Though the Recovery Pallet exists above the "Pallet No. Start", regarded as interfering with considering "Pallet Pitch Z". 3. Though the Recovery Pallet exists below the "Pallet No. Last", regarded as interfering with considering parts thickness of the parts to be dumped.</p> <p>Measures method: 1. Change the setting of "Pallet No. Start" or "Pallet No. Last". 2. Change the setting of "Recovery Pallet Number" in machine settings.</p> <p>Parts No._XXXX Name XXXX</p>	
3996	BOARD DATA ERROR	<p>Total board size Y of all lane is over the conveyor width limit. The conveyor width cannot change this setting.</p> <p>Please change the board data to use only one side of the lanes.</p> <p>Conveyor Width Limit_XXXX [mm]</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
3997	BOARD DATA ERROR	<p>The board data is wrong setting.</p> <p>Mount mode :Alternate Lanes Transfer mode :Synchronous Transfer Please set the transfer mode setting "Asynchronous Transfer."</p>	
3998	BOARD DATA ERROR	<p>The mound mode is set "Parallel Lanes", but machine can't work "Parallel Lanes" by this board data.</p> <p>Mount No _XXXX Table _XXXX Lane No _XXXX</p>	
3999	<Serious error> Mount data is illegal	<p>Illegal data was detected by the mount data check when beginning to auto-running.</p> <p>Please do the following countermeasures.</p> <ol style="list-style-type: none"> 1.Clear error and reset the machine. 2.Remove the board at the Mount Position. 3.Reload board data. 4.Start Auto-running from the beginning. <p>After of the confirmation of the trace of mounting of the substrate when Halfway continued, and in the state of mounting the problem, begin to auto-running.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
4000	<<<WARNING SENSOR ERROR>>>	Head down sensor or Lower Sensor is OFF in C-table. Please check sensor and remove the cause of this sensor being OFF. If you don't remove the cause, it is impossible to start production.	
4001	<<<WARNING SENSOR ERROR>>>	Head down sensor or Lower Sensor is OFF in D-table. Please check sensor and remove the cause of this sensor being OFF. If you don't remove the cause, it is impossible to start production.	
4002	FLYING NOZZLE CHECK POSITION ERROR	Current Z position for Flying Nozzle check is abnormal. Possible causes are: 1.Something prevents the movement to the target Z position 2.In [Machine Data]-[Mechanical]-[Position], InitPosition of Z axis is wrong. Head No. _XXXX	
4003	FLYING NOZZLE ERROR	The condition of Flying Nozzle can't be confirmed. It has the possibility of the sensor mis-response.	
4004	FLYING NOZZLE ERROR	The condition of Flying Nozzle can't be confirmed. It has the possibility of the sensor mis-response.	
4005	MACHINE STATUS ERROR	The unusual state of a machine was detected. Please save a file required for investigation.	
4006	OPTIMIZATION ERROR	Failed to start optimization. Component data _XXXX Name _XXXX Information No _XXXX	
4007	OPTIMIZATION ERROR	Failed to get the light status from vision system. Component data _XXXX Name _XXXX Information No _XXXX	
4008	OPTIMIZATION ERROR	Failed to get component information from vision system. Component data _XXXX Name _XXXX Information No _XXXX	
4009	OPTIMIZATION ERROR	Failed to send parameter to vision system. Component data _XXXX Name _XXXX Information No _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
4010	OPTIMIZATION ERROR	Failed to save image for vision system. Component data _XXXX Name _XXXX Information No _XXXX	
4011	OPTIMIZATION ERROR	Failed to clear the memory of vision system. Component data _XXXX Name _XXXX Information No _XXXX	
4012	IONIZER WARNING	An error occurred with the ionizer. Please confirm a state of an ionizer, and consult your distributor for further information.	
4014	FLYING NOZZLE EXCHANGE ERROR	Unable to exchange flying nozzles. Please consult your distributor. Head No. _XXXX	
4015	TIME OUT ERROR TO CONFIRM HEAD UP	During "Parts Bring Back Check" after mounting, the machine detect that its head position is lower. Possible causes are as follows: -Head down sensor detect that some heads are down. -Head Z position is lower than safety position for moving XY axis. Please check the condition of head down sensor and Z position of the head. And start to run again. Table No. _XXXX	
4016	ATS LH AXIS MOVEMENT TIMEOUT ERROR.	It is failed in movement of LH axis of ATS. Possible causes are as follows: 1. The Latch doesn't move normally. 2. The Latch sensor is abnormal. 3. The Stage positional set sensor is abnormal. 4. The LH axis doesn't move normally.	
4017	ILLEGAL PICK POSITION X	The target position is different from the position set at component information. It is impossible to continue Auto-Running. Please reset Auto-Running, and execute halfway continue command. Head No. _XXXX Mount data _XXXX Component data _XXXX Target Pos. _XXXX	
4018	ILLEGAL PICK POSITION Y	The target position is different from the position set at component information. It is impossible to continue Auto-Running. Please reset Auto-Running, and execute halfway continue command. Head No. _XXXX Mount data _XXXX Component data _XXXX Target Pos. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
4019	ILLEGAL PICK POSITION R	<p>The target position is different from the position set at component information.</p> <p>It is impossible to continue Auto-Running.</p> <p>Please reset Auto-Running, and execute halfway continue command.</p> <p>Head No. _XXXX</p> <p>Mount data _XXXX</p> <p>Component data _XXXX</p> <p>Target Pos. _XXXX</p>	
4020	NOZZLE CHANGE ERROR	<p>Failed to store a nozzle.</p> <p>Please check the sensor on nozzle station and adjust height, angle and position data of the nozzle station.</p> <p>Head No. _XXXX</p> <p>Station No. _XXXX</p>	
4700	PRESENT TIME ACQUISITION ERROR	<p>Could not get present time.</p> <p>Please contact the agent.</p>	
5105	NO BOARD DATA	<p>No Board data is available.</p> <p>Please read a Board data.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7004	Dotstation No Paper Error	Paper of The Dotstation is empty. Please exchange New Paper.	
7005	PLEASE CHECK FOR ANY ILLEGAL DISPENSE CONDITION	Check followings. Cylinder Clamp : Should be Clamp. Pressure Switch: Should be turn On switch.	
7006	PRODUCTION COMPLETED FOR DISPENSE FLUID EMPTY	After it was found that dispense fluid is empty, the reserved number of boards have been dispensed. Please rerun to remedy by which the following. - Except the cause of fluid empty. (Either reset or not will do.) - Reset. Without remedy, it's impossible to run. Then a caution, at only reset and rerun, the machine doesn't stop until one Board is completed to dispense.	
7007	PLEASE EXCHANGE THE CYLINDER	After it was found that dispense fluid is empty, the boards counter continued to dispense wasn't reserved. Please emergency stop to exchange the cylinder, and rerun. Head No.: _XXXX You can rerun by only reset, but then the machine doesn't stop until one Board is completed to dispense.	
7300	BOARD TRANSFER ERROR	During T axis transfer, the transfer claw was detected upper position. Please check following items. -The board was clogged and the claw run on the board. Please reset, and get rid of cause, return the board to original position.	
7301	BOARD TRANSFER ERROR	Before transferring, the board was detected at the transfer claw down position. Please check following items. -The board position is not correct. -Board size X setting is wrong. -Claw under position sensor mis-detect. -Claw is down. Please reset, and get rid of cause, and retry.	_XXXX
7302	BOARD TRANSFER ERROR	After transferring, the machine lost the board. Please check following items. -The board was dropped. -Board detect sensor mis-detect. Please reset, and get rid of cause, return the board to original position.	_XXXX
7303	BOARD TRANSFER ERROR	After transfer claw up, the wrong board was detected at the transfer claw down position. Please check following items. -After claw up, the board was moved. -Board size X setting is wrong. -Claw under position sensor mis-detect. Please reset, and get rid of cause, return the board to original position.	_XXXX

Ea : Application Error

No	Title	Message	Detail (Action)
7304	BOARD TRANSFER TIMEOUT ERROR	Transferring process was stopped and it detect time-out. Please check following items. -Transfer axis speed is too slow. -Transfer axis cannot move. -Transfer axis does not stop. Please reset, and get rid of cause, return the board to original position.	
7305	CARRY-IN BOARD ERROR	Failed to load Board on the conveyor.	
7306	CARRY-IN BOARD TIMUOUT ERROR	It failed to load Board on the conveyor because of Time Out. Please check the wait position sensor of Carry-In stage.	
7307	CARRY-OUT BOARD ERROR	Failed to load Board on the conveyor.	
7308	CARRY-OUT BOARD TIMUOUT ERROR	It failed to load Board on the conveyor because of Time Out. Please check the exit position sensor of Carry-Out stage.	
7309	BOARD TRANSFER ERROR	During T axis transfer, the transfer claw was detected upper position. Please check following items. -The board was clogged and the claw run on the board. -Claw upper position sensor mis-detect. -Claw lower position sensor mis-detect. Please get rid of cause, reset the machine.	_XXXX
7310	BOARD TRANSFER ERROR	Before transferring, the board was detected at the transfer claw down position. Please check following items. -The board position is not correct. -Board size X setting is wrong. -Claw under position sensor mis-detect. -Claw is down. Please get rid of cause, reset the machine.	_XXXX
7311	BOARD TRANSFER ERROR	After transferring, the machine lost the board. Please check following items. -The board was dropped. -Board detect sennsor mis-detect. Please get rid of cause, reset the machine.	_XXXX
7312	BOARD TRANSFER ERROR	After transfer claw up, the wrong board was detected at the transfer claw down position. Please check following items. -After claw up, the board was moved. -Board size X setting is wrong. -Claw under position sensor mis-detect. Please get rid of cause, reset the machine.	_XXXX

Ea : Application Error

No	Title	Message	Detail (Action)
7313	BOARD TRANSFER TIMEOUT ERROR	Transferring process was stopped and it detect time-out. Please check following items. -Transfer axis speed is too slow. -Transfer axis cannot move. -Transfer axis does not stop. Please get rid of cause, reset the machine.	
7314	BOARD TRANSFER START ERROR	The board doesn't exist on the stage for transferring. Please check the stage.	
7315	BOARD TRANSFER START ERROR	The board exists on the target stage. Please remove the board, or select "All position".	
7316	BOARD TRANSFER START ERROR	"All position" is selected, but the board exists on the exit stage. Please remove the board on the exit stage.	
7317	BOARD RELEASE ERROR	It was lost the board after release the fixed board. It is possible that the board keeps floating up to conveyor top plate. Please open the cover and pull down the board. After that please confirm the detected board on Unit/Conveyor. TABLE _XXXX	
7318	SUB-STOPPER DOWN TIMEOUT ERROR	It tried to go down the sub-stopper of the entrance conveyor, but the lower-end sensor kept undetected over _XXXX seconds. The following causes are thought. 1. The sub-stopper has not down. 2. The lower-end sensor is damaged. 3. The lower-end sensor position is maladjustment. Please check the "Detail".	CHECK POINT - Please up and down the sub-stopper by "Sub-Stopper" button in [Unit] - [Conveyor]. 1. When the sub-stopper is not down at all or is not down smoothly, the sub-stopper is damaged. 2. When the sub-stopper is down smoothly and lower-end sensor is undetected, the lower-end sensor is damaged or the sensor position is maladjustment. 3. When the sub-stopper is down smoothly and lower-end sensor is detected and this error is occurred again, the IO conveyor board is damaged.
7319	Remove the Board at the Entrance	Unknown board is detected at the entrance sensor. Please remove the board detected at the entrance sensor, and run again.	
7320	Please Reset	Please get rid of cause, return the board to original position.	

Ea : Application Error

No	Title	Message	Detail (Action)
7321	BOARD TRANSFER ERROR	<p>The board was not found before starting T-axis transfer. Please recover in the following procedures.</p> <ol style="list-style-type: none"> 1. Reset machine. 2. Push EMEGENCY STOP button. 3. Remove boards from all conveyors. 4. Restart production. <p>Without reset, the machine can not start production.</p>	_XXXX
7322	PLEASE RESET BEFORE PRODUCTION	<p>The machine can not start production without reset, because the board was not found before starting T-axis transfer. Please recover in the following procedures.</p> <ol style="list-style-type: none"> 1. Remove boards from all conveyors. 2. Push EMEGENCY STOP button. 3. Reset machine. 4. Restart production. 	
7323	CRAW UP TIMEOUT ERROR	<p>Transferring process was stopped and it detect time-out.</p> <p>Cause : The transportation craw of T axis did not complete rising.</p> <p>Measures : Please reset the machine.</p>	_XXXX
7324	CRAW DOWN TIMEOUT ERROR	<p>Transferring process was stopped and it detect time-out.</p> <p>Cause : The transportation craw of T axis did not complete pulling down.</p> <p>Measures : Please reset the machine.</p>	_XXXX
7325	T AXIS MOVE START TIMEOUT	<p>Transferring process was stopped and it detect time-out.</p> <p>Cause : The T axis did not complete movement.</p> <p>Measures : Please reset the machine.</p>	_XXXX
7326	T AXIS MOVE FINISH TIMEOUT	<p>Transferring process was stopped and it detect time-out.</p> <p>Cause : The T axis did not complete movement.</p> <p>Measures : Please reset the machine.</p>	_XXXX
7327	BOARD RELEASE ERROR	<p>Transferring process was stopped and it detect time-out.</p> <p>Cause : The board fixation was not able to be released.</p> <p>Measures : Please reset the machine.</p>	_XXXX

Ea : Application Error

No	Title	Message	Detail (Action)
7328	BOARD TRANSFER ERROR	After board clamping of the transfer, the machine lost the board. Please check following items. -The board was dropped. -Board detect sensor mis-detect. Please reset, and get rid of cause, return the board to previous position.	
7329	The conveyer width is not in the right place.	The conveyer width and the board width are different as follows. (unit: mm) _XXXX Please start Auto Running after changing the conveyer width at the right position.	
7330	The buffer conveyer width is not in the right place.	The buffer conveyer width and the board width are different as follows. (unit: mm) _XXXX Please start Auto Running after changing the buffer conveyer width at the right position.	
7331	The conveyer width is not in the right place.	The conveyer width and the board width are different as follows. (unit: mm) R CONVEYER : _XXXX STAGE A : _XXXX STAGE B : _XXXX STAGE C : _XXXX STAGE D : _XXXX L CONVEYER : _XXXX Please start Auto Running after changing the conveyer width at the right position.	
7332	Stage Axis Position Error	Auto running stopped, because stage axis was of mount position. When this message displays in restarting auto running, please reset auto running and restart by halfway continue. Mount Table _XXXX Current Stage Axis Pos (mm) _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
7333	BOARD TRANSFER ERROR RECOVERY	<p>The following Board became the transfer error. The Board to transfer From _XXXX position To _XXXX position Please move forward the Board to the next transport position, and restart Auto Running. Move forward the Board to [_XXXX position]</p> <p>Please move forward the following Board which is transferred at same time. _XXXX _XXXX _XXXX</p> <p>After restart auto-running, the stopper may rise. Please set the Board at the position where the stopper and the Board do not interfere.</p>	
7334	Please move forward the Board	<p>The sensor just after the stopper reacts, so the stopper cannot rise. Please restart auto-running after move forward the Board.</p>	
7335	BOARD TRANSFER ERROR	<p>A board that is larger than "Wait Pos Waiting Board Size" is at the waiting position. The board cannot transported.</p> <p>Please remove the board at the waiting position.</p>	
7336	Unknown board is detected at the wait position sensor	<p>Unknown board is detected at the wait position sensor. The board exists though the wait position stopper doesn't rise.</p> <p>Please remove the board detected at the wait position sensor, and restart auto running.</p>	
7337	BOARD TRANSFER ERROR	<p>The board transfer to lower machine was failed. The board may be caught between machines.</p> <p>Please put the board to the mount position at lower machine, and start auto-running.</p>	
7338	Unknown board is detected at the exit position sensor	<p>Unknown board is detected at the exit position sensor.</p> <p>When the board isn't necessary to production, please remove the board detected at the exit position sensor, and start auto-running.</p> <p>When it wants to put the board to the wait position at the lower machine, please operate the following procedures. 1. Please reset the lower machine and this machine. 2. Please press the "EMERGENCY STOP" of the lower machine and this machine. 3. Please move the board from the exit position at this machine to the wait position at the lower machine. 4. Please start auto-running.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7339	Failed to rise the stopper	<p>CAUSE: During board transfer, the board arrived at the target sensor with the target stopper dropped. Therefore the stopper was not able to rise.</p> <p>COUNTERMEASURE 1: Please move the board transferring to the target position, and restart auto-running.</p> <p>COUNTERMEASURE 2: When this error occurs many times, please input a value bigger than the present value into the following item of the machine setting. [Setting] - [Mechanical] - [Position] - [Fast Trans Delay Timer]</p>	
7340	Specified number of Board is finished.	<p>The produced board count reached the specified number.</p> <p>Board Name : _XXXX</p>	
7341	Specified number of Board is finished.	<p>The produced board count reached the specified number.</p> <p>Board Name : _XXXX</p>	
7342	Remove the Board at the Entrance	<p>The board is detected at the entrance sensor, but the "Next Board Request" of the lane is "OFF". Please remove the board detected at the entrance sensor, and run again.</p>	
7343	ILLEGAL TRANSFER TIME	<p>Even if transfer board from the mounting position to the exit position exceeded the average transfer time, it was not possible to transfer it to the following object positions. There is a possibility that the board interferes with transfer board from the wait position.</p> <p>Object Work Out Sensor is ON Average time _XXXX msec Permissible value _XXXX % Normal range _XXXX msec - _XXXX msec Measurement time _XXXX msec Lane _XXXX</p>	
7344	ILLEGAL TRANSFER TIME	<p>Even if transfer board from the mounting position to the exit position exceeded the average transfer time, it was not possible to transfer it to the following object positions. There is a possibility that the board interferes with transfer board from the wait position.</p> <p>Object Work Out Sensor is OFF Average time _XXXX msec Permissible value _XXXX % Normal range _XXXX msec - _XXXX msec Measurement time _XXXX msec Lane _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7345	BOARD TRANSFER ERROR RECOVERY	<p>Please recover in the following procedures.</p> <ol style="list-style-type: none"> 1.Please reset the machine. 2.Please move to the exit position the transfer board that is moved from the mounting position. 3.Please move to the wait position the transfer board that is moved from the wait position. 4.Please start auto running. <p>Is the average transfer time measured again? [YES] The average transfer time in all the measurement points is measured again. [NO] The check is continued at the average transfer time set now.</p>	
7346	Unknown board is detected at the upper stage position sensor	<p>Unknown board is detected at the upper stage position sensor. The board exists though the upper stage position stopper doesn't rise.</p> <p>Please remove the board detected at the upper stage position sensor, and restart auto running.</p>	
7347	Unknown board is detected at the lower stage position sensor	<p>Unknown board is detected at the lower stage position sensor. The board exists though the lower stage position stopper doesn't rise.</p> <p>Please remove the board detected at the lower stage position sensor, and restart auto running.</p>	
7348	Trans Conveyor Rail Up Error	<p>Failed in trans conveyor rail up action. Carrying PCB action can not work.</p> <p>Please check the rail up/down by I/O operation. Please check whether conveyor rail up sensor has problem.</p>	
7349	Trans Conveyor Rail Down Error	<p>Failed in trans conveyor rail down action. Carrying PCB action can not work.</p> <p>Please check the rail up/down by I/O operation. Please check whether conveyor rail up sensor has problem.</p>	
7350	Carry In Lane Stopper Down Error	<p>Failed in carry in lane stopper down action.</p> <p>Please check the stopper up/down by I/O operation. Please check whether stopper sensor has problem.</p>	
7351	Carry In Lane Stopper Up Error	<p>Failed in carry in lane stopper up action.</p> <p>Please check the stopper up/down by I/O operation. Please check whether stopper sensor has problem.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7352	Board Transfer Error	<p>Failed in board transfer.</p> <p>Transfer Error Position:</p> <p>Start Position_XXXX Target Position_XXXX When board exists on the transfer error position. Please open the cover, move the board to target position by hand, and then restart.</p>	
7353	Board Transfer Error	<p>Failed in board transfer.</p> <p>Transfer Error Position:</p> <p>Start Position_XXXX Target Position_XXXX When board exists on the transfer error position. Please open the cover, move the board to target position by hand, and then restart.</p> <p>Please move the board which was also moving by simultaneous transfer.</p> <p>Start Position_XXXX Target Position_XXXX</p>	
7354	Board Trans In Error	<p>Failed in board trans IN.</p> <p>Transfer Error Position:</p> <p>Start Position_XXXX Target Position_XXXX When board exists on the transfer error position. Please open the cover, and move the board to target position by hand. When this error message is cleared, board transfer will restart.</p>	
7355	Board Transfer Error	<p>Failed in board transfer.</p> <p>Transfer Error Position:</p> <p>Start Position_XXXX Target Position_XXXX When board exists on the transfer error position. Please open the cover, and move the board to target position by hand. When this error message is cleared, board transfer will restart.</p>	
7356	Board Trans Out Error	<p>Failed in board trans OUT.</p> <p>Transfer Error Position:</p> <p>Start Position_XXXX Target Position_XXXX When board exists on the transfer error position. Please open the cover, and move the board to target position by hand. When this error message is cleared, board transfer will restart.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7357	Remove the Board at the Entrance	Unknown board is detected at the entrance sensor. Please remove the board detected at the entrance sensor. Error Position: _XXXX When this error message is cleared, board transfer will restart.	
7360	BOARD TRANSFER ERROR	Conveyor sensor detected an abnormal condition. There is a possibility that a board is stuck on the connecting part of the conveyor. Please restore the condition through the procedure displayed after this error cleared.	
7361	BOARD TRANSFER ERROR RECOVERY	The following Board became the transfer error. _XXXX _XXXX _XXXX Please move the board as follows, and restart auto-running. _XXXX _XXXX _XXXX	
7362	Mark Detection Error	Executed "Carried Pos. Check", but couldn't detect the mark. Please execute the following procedure on the [Teach] dialog displayed after this error message is cleared. 1. Operate the arrow buttons, move to the position where the mark is framed. 2. Click the "Teach" button. 3. Start auto-running.	
7409	AXIS MOVE POSITION INTERFERE ALARM	Action List for recovery: Please execute Reset and operate again. Cause: Each axis interference operation was detected. Therefore, Axis cannot move.	
7501	NOZZLE VACUUM LEVEL WARNING	Detected Illegal Vacuum Level. TABLE _XXXX HEAD _XXXX Investigate the following items. 1. Plugged Nozzle 2. Plugged Head Shaft 3. Data of Vacuum Level	
7503	LIGHT LEVEL ERROR	Detected Illegal Light Level. CAMERA _XXXX LEVEL _XXXX Investigate the following items. 1. Are the Light, Half Mirror and Lens clean? 2. Please measure Light Level in the Utility, again.	

Ea : Application Error

No	Title	Message	Detail (Action)
7504	SHAFT CLEANING BLOW ERROR	An Error is occurred during "Shaft Cleaning Blow". TABLE _XXXX Check the following items. - Check the target position of the action. - Check the head lower-end sensor condition. - Check the nozzle change action. - Check the action of the cleaning unit.	
7505	SPRING FORCE CALIBRATION ERROR	An Error is occurred during "Calibration of Spring Force". TABLE _XXXX Check the following items. - Check the max value and minimum value of spring specification. - Check the movement of the head. - Check the condition of calibration station. - Check the nozzle change action.	
7506	SHAFT CLEANING BLOW NOZZLE CHECK	The machine stopped in shaft cleaning blow action during operation. Please check the following items. - Check the blow units. If some nozzles remain on it, please remove them. - Check the heads. If some nozzles are put off, please find them.	
7507	MEASURING NOZZLE SHAPE	Under measuring nozzle shape with a Side View camera.	
7508	It succeeded in measuring of nozzle information.	Save data ?	
7509	It succeeded to save nozzle information.	It succeeded to save nozzle information.	
7510	It failed to save nozzle information.	It failed to save nozzle information.	
7511	It failed to measure the nozzle shape.	Measuring value of nozzle No._XXXX greatly different from the design value.(detailed error=_XXXX) Please confirm whether the head has a correct nozzle. Measuring the nozzle shape is discontinued.	
7512	Start measuring nozzle shape.	The machine will measure nozzle shape. Is it all right?	
7513	Nozzle type check.	This head is manual nozzle change setting. Is it all right in this nozzle type? Table : _XXXX Head : _XXXX Nozzle type : _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
7514	Measuring nozzle shape was interrupted.	Measuring nozzle shape was interrupted.	
7515	Confirm saving nozzle shape data.	The measuring nozzle data differs from a design value greatly. May I save? Table _XXXX Head _XXXX Nozzle Type _XXXX Nozzle Tip width _XXXX (μm) Design tolerance range _XXXX - _XXXX (μm)	
7516	There is no measurable nozzle type.	In the machine setting, please check [Side View Camera Spec]- [Nozzle Basic Setting] is "Use".	
7517	VACUUM LEVEL IS OVER LCL	Detected Illegal Vacuum Level. TABLE _XXXX HEAD _XXXX NOZZLE _XXXX VACUUM LV _XXXX Investigate the following item. 1. Nozzle Broken 2. Shaft Air Leak 3. Ejecter is out of order 4. Data of Vacuum Level	
7518	The execution of the shaft cleaning blow is discontinued.	The shaft cleaning blow cannot be executed because of servo OFF or interlock error.	
7520	Execute Measure nozzle by Side View camera?	This board data include which has [Detail Mode] setting of Side View camera. [Detail Mode] setting should measure the nozzle shape before auto running. If you already executed Measure Nozzle after the nozzle combinations are changed then please select "No". [Yes] Execution [No] Cancel reconfirmation	
7521	Confirm Auto Running	The side view measure nozzle was canceled. Please confirm to start Auto Running. [Yes] Start Auto Running [No] Side view measure nozzle retry	
7523	Nozzle Cleaning stop	It became nozzle washing time that had been set by the schedule specification. Please cleaning the nozzle of each head follow the manual.	
7525	Confirm Nozzle cleaning finished	Was the nozzle cleaning finished? [Yes] Start Auto Running. [No] Stop Auto Running.	

Ea : Application Error

No	Title	Message	Detail (Action)
7528	Side view camera nozzle dirt error	The nozzle dirt error was detected with the side view camera. The operator is needed the [_XXXX] nozzle washing of the head. After mounting the board in the machine, does execute the nozzle cleaning? [Yes] After mounting, execute nozzle cleaning. [No] After specified time, this warning is displayed again.	
7529	It failed to measure the nozzle shape.	Side view camera detects nozzle shape error at _XXXX head. (Detail error: _XXXX [_XXXX] Nozzle: _XXXX) Please stop Auto-running, and confirm whether a nozzle does not have some dust or damage. Please confirm bellow also. 1. The head does not handle the nozzle correctly. The Machine will stop measuring nozzle shape.	
7530	It failed to measure the nozzle shape.	Side view camera cannot find nozzle tip at _XXXX head. (Detail error: _XXXX [_XXXX] Nozzle: _XXXX) Please stop Auto-running, and confirm that the head handle the nozzle correctly. Please confirm bellow also. 1. Please confirm whether the nozzle is not damaged. 2. Please confirm that the Multi camera light is flashed on Adjust Assist. The Machine will stop measuring nozzle shape.	
7531	It failed to Measure Nozzle	The [_XXXX] nozzle was detected Nozzle Dirt error. (Detail error number is [_XXXX].) It seems that nozzle tip is dusty. Please confirm whether the nozzle is correctly installed again. The Measure Nozzle is discontinued.	
7532	It failed to measure the nozzle shape.	On the recognition of Side view camera, it happened internal error at _XXXX head. (Detail error: _XXXX [_XXXX] Nozzle: _XXXX) This error may occur repeatedly. Please record the head number and the detailed error number, and inform to a maker. The Machine will stop measuring nozzle shape. If you want to continue running temporary then please set the follows setting in Machine Setting. Machine Setting - Side view camera - non	
7533	It succeeded to save the measured nozzle shape.	Because a part of measured nozzle size was out of the design value. Please confirm the nozzle.	
7534	The Measure Nozzle was canceled.	The Measure Nozzle for the Side View was canceled.	
7535	The nozzle shape data was not saved.	The nozzle shape data was not saved because the operator selected cancel command. Measure Nozzle was not save data.	

Ea : Application Error

No	Title	Message	Detail (Action)
7536	It failed to measure the nozzle shape.	On the recognition of Side view camera, it happened nozzle fit error at _XXXX head (Detail error: _XXXX [_XXXX] Nozzle: _XXXX) The nozzle tip position is detected as illegal value. Please stop running, and confirm that the head handle the nozzle correctly.	
7537	It failed to measure the nozzle shape.	The nozzle of number _XXXX head was not able to be recognized by side-view camera. (Detail error: _XXXX [_XXXX] Nozzle: _XXXX) Please confirm the following. 1. Is the nozzle correctly installed? 2. Does the side view lighting light? Please record head number and detail error, and contact the maker when this error occurs many times.	
7538	WATCH DOG - HEAD & FEEDER STATUS INCONSISTENT	WATCH DOG - HEAD & FEEDER STATUS INCONSISTENT	
7539	SHUFT CLEANING BLOW EXECUTION ERROR	Can't execute shuft cleaning blow of manual or fixed nozzle.Please reload 'board data' and retry. Execution condition 1. Not editing of 'board data'. 2. The error must not occur by data check of the 'board data'.	
7546	"ALARM: FAN OF MACHINE IS ABNORMAL"	The FAN of Machine is not working. When Machine is kept running, will be cause trouble of Machine. Please consult your distributor for further information with FAN number. FAN number: _XXXX	
7547	"ALARM: MOTOR FAN IS ABNORMAL"	The Motor FAN of Machine is not working. When Machine is kept running, will be cause trouble of Machine. Please consult your distributor for further information with FAN number. FAN number: _XXXX	
7549	SS-Feeder Cooling Fan is abnormal	The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine. Solution: Check the connection of the fan. Replace the fan. Check item: Front Feeder Plate 1	Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate. In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again. Solutions: Clean up the fan. When the fan stops, please change it.

Ea : Application Error

No	Title	Message	Detail (Action)
7550	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Front Feeder Plate 2</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>
7551	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Rear Feeder Plate 1</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>
7552	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Rear Feeder Plate 2</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
7553	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Front Feeder Plate 1_2</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>
7554	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Front Feeder Plate 2_2</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>
7555	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Rear Feeder Plate 1-2</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
7556	SS-Feeder Cooling Fan is abnormal	<p>The SS-Feeder cooling fan is not working. When Machine is kept running, will be cause trouble of Machine.</p> <p>Solution: Check the connection of the fan. Replace the fan.</p> <p>Check item: Rear Feeder Plate 2-2</p>	<p>Check method: To confirm the rotary state of the SS feeder cooling fan, please remove the front side cover of the feeder plate.</p> <p>In the case of using FES feederplate, please remove the cover under the feeder cart, and clamp the feeder cart again.</p> <p>Solutions: Clean up the fan. When the fan stops, please change it.</p>
7561	Nozzle Buffing Check Execute Error	<p>Nozzle buffing check was interrupted. Please remove the cause, and execute it from the beginning again.</p>	
7562	Abnormal nozzle was detected	<p>Abnormal nozzle was detected. Please refer to detail information on the dialog window displayed after the error cleared.</p>	
7702	CAMERA LIGHT START ERROR	<p>Camera light can't be started. Please reboot the machine after clearing the error.</p>	
7703	It failed to set IF board infomation.	<p>there is a possibility of damaging IF board. Please record board number and detail error, and contact the maker. Error Board No. _XXXX Error Detail No. _XXXX</p>	
7704	MULTI CAMERA BOOT ERROR	<p>It failed to boot multi camera. Please check following items. -Multi camera failure -Connection between multi camera, vision board, and harnes. Please reboot the machine after clearing the error. TABLE _XXXX</p>	
7705	VISION SELECTOR BOARD BOOT ERROR	<p>It failed to boot vision selector board. Please check following items. -Moving camera, side view camera, and single camera failure -Connection between each camera, vision board, and harnes. Please reboot the machine after clearing the error. TABLE _XXXX</p>	
7710	SS TUNE UP STATION INITIALIZATION ERROR	<p>Abnormality occurred by initialization processing. Please reboot a machine.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7711	ANC Board I/O Table Set Error	<p>Failed in setting I/O Table information to the ANC board.</p> <p>Mount Table _XXXX Error Detail No. _XXXX CAUSE: The version of ANC board firmware is old. "Sensor Num on Board" is incorrect. ([Setting] - [Machine Data] - [Station] - [Nozzle Station] in [Machine] button)</p> <p>COUNTERMEASURE: Power on the machine again or re-load the board data, and then execute init-origin. Confirm the setting of machine. If you can not solve the problem, please consult your distributor with the information of "Error No." and "Error Detail No.".</p>	<p><Error Detail No.> -2 : The value of "Sensor Num on Board" is large. -3 : The value of "Sensor Num on Board" overlaps. -1 : The version of ANC board firmware is old, communication failure with ANC board, and so on. Others : Other causes</p>
7712	INITIALIZATION ERROR	<p>The machine doesn't have valid system board though Smart Recognition is set to be enable. Clear error message, and reboot the machine after taking any measures. 1. Change [Setting]-[Installation]-[Smart Recognition] to [Not Use]. 2. Change to valid system board.</p>	
7800	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	<p>The OPT-FLAG prevents the machine to pick up next component. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX</p>	
7801	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	<p>The head is already occupied by another component, and the indicated picking action is not possible. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX</p>	
7802	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	<p>A picking up group without rotation-action could not include a mounting data with some rotation. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX</p>	
7803	SOME COMPONENT COULD NOT BE PICKED UP	<p>By picking up this component, depending on the pick up accuracy, the component could hit the component on neighbor nozzle. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX</p>	
7804	SOME COMPONENT COULD NOT BE PICKED UP	<p>By picking up this component, depending on the pick up accuracy, the component could hit the neighbor nozzle with component. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7805	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	A picking up group without rotation-action could not include the FINE type component. Check the data. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7806	SOME COMPONENT COULD NOT BE PICKED UP	Because the machine had picked up a component of FINE type, the machine could not pickup another of FINE type. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7807	SOME COMPONENT COULD NOT BE PICKED UP	By picking up this component, depending on the pick up accuracy, the component could hit the neighbor nozzle without component. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7808	SOME COMPONENT COULD NOT BE PICKED UP	By picking up this component, depending on the pick up accuracy, the component could hit the neighbor nozzle without component during the rotating the component. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7809	SOME COMPONENT COULD NOT BE PICKED UP	The machine had tried to pickup components belongs different blocks. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7810	NO COMPONENT FOR USE	A component is not available at this moment. Please confirm the component to be ready, and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7811	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	If the head picks up the component, the component might hit the lighting unit for fiducial mark. Please confirm the data and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7813	NO COMPONENT FOR USE	A component is not available at this moment. Please confirm the component to be ready, and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
7815	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	If the head picks up the component, the component might hit the multimacs. Please confirm the data and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7816	SOME COMPONENTS ARE NOT POSSIBLE TO PICK UP	If the head picks up the component, the component might hit the lighting unit for sideview. Please confirm the data and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7817	SOME COMPONENTS ARE NOT POSSIBLE TO MOUNT	If components were mounted, components will hit the camera unit for sideview. Please confirm the data and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX	
7818	CAUTION:SOME COMPONENTS ARE NOT POSSIBLE TO MOUNT	If components were mounted, components will hit the camera unit for sideview according to the mount height offset. Please confirm the data. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX Component height _XXXX [mm] Mount height offset _XXXX [mm] Max mount height _XXXX [mm]	
7819	Please check parts size X and size Y	Solution: Please check the following parts size X and size Y. Or, please change the head for mounting. Cause: Scan Camera and this parts have interference, if the head pick up it. Mount Data No._XXXX Parts Data No._XXXX Parts Name _XXXX Head No._XXXX	
7820	Please check parts size Z	Solution: Please check the following parts size Z. Cause: Scan Camera and this parts have interference, if the head mounts it. Mount Data No._XXXX Parts Data No._XXXX Parts Name _XXXX Head No._XXXX Parts size Z _XXXX [mm] Interefere Height _XXXX [mm]	

Ea : Application Error

No	Title	Message	Detail (Action)
7821	Warning:Please check parts size Z	<p>Solution: Please check the following parts size Z.</p> <p>Mount Data No._XXXX Parts Data No._XXXX Parts Name _XXXX Head No._XXXX Parts size Z _XXXX [mm] Mount Height Offset _XXXX [mm] Interefere Height _XXXX [mm]</p>	<p>Cause: There is a possibility that Scan Camera and this parts have interference, if the head mounts it. Such possibility is affected by the bend of the board, the solder thickness and the thickness error margin of the parts (Mount Height Offset).</p>
7822	Please check parts size Z	<p>Solution: Please check the following parts size Z.</p> <p>Cause: Scan Camera and this parts have interference, if the head pick up it.</p> <p>Mount Data No._XXXX Parts Data No._XXXX Parts Name _XXXX Head No._XXXX Parts height for pick _XXXX [mm] Interefere Height _XXXX [mm]</p>	
7823	SOME COMPONENT COULD NOT BE PICKED UP	<p>If the head picks up the component, the parts might be out of the overhang limit range and hit the parts picked by another head. Please confirm the data and run again. Mount data _XXXX Component data _XXXX Name _XXXX Head _XXXX</p>	
7870	CANCEL RESET COMMAND	<p>The reset process has been interrupted. Please try the RESET command again until it is finished.</p>	
7871	CAN NOT EXECUTE COMMAND	<p>Can not execute this command , because RESET is not finished completely. Please try the RESET command again, and finish it.</p>	<p>Unable to run commands since reset is not complete. Perform a reset again.</p>
7876	CAN NOT EXECUTE COMMAND	<p>Failed to execute this command, because the servo push-up was not sufficiently lowered. Lower the servo push-up by conveyor unit operation or reset, then re-run this command.</p>	<p>Unable to run this command since servo push-up is not sufficiently lowered. Lower the servo push-up by conveyor unit operation or reset, then re-run this command.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
7880	Aborted Opening Tape Cutters	<p>Aborted opening tape cutters in executing init origin.</p> <p>Please execute measures of the failure, and then execute "Init Origin" again.</p> <p>for the following reason:</p> <ul style="list-style-type: none"> - Defective operation of cylinder and valve. - Air pressure lack for the tape cutter. - The sensor is defective. - Interruption by "Emergency Stop" or "Interlock" 	
7911	PALLET IDTAG PART NAME ERROR	<p>Pallet No. _XXXX</p> <p>Component Data _XXXX</p> <p>ID Tag Data _XXXX</p>	
7912	PALLET IDTAG CONTROLLER ERROR [PARITY]	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7913	PALLET IDTAG COMMUNICATION ERROR	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7914	PALLET IDTAG TIMEOUT ERROR	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7915	PALLET IDTAG NO TAG ERROR	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7916	PALLET IDTAG UNDEFINED COMMAND	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7917	PALLET IDTAG TEST FAILURE	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7918	PALLET IDTAG NO RESPONSE	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7919	PALLET IDTAG CONTROLLER ERR	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	

Ea : Application Error

No	Title	Message	Detail (Action)
7920	IDTAG NO TRAY PART	IDTAG NO TRAY PART	
7921	IDTAG NO PALLET	IDTAG NO PALLET	
7922	IDTAG COMPLETE	Cmp.Name _XXXX Cmp.X-Pos _XXXX Cmp.Y-Pos _XXXX TrayX-Pos _XXXX TrayY-Pos _XXXX	
7923	IDTAG STATIC COMPONENTS ERROR	IDTAG STATIC COMPONENTS ERROR	
7924	PALLET IDTAG READ TIMEOUT ERR	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7925	PALLET IDTAG WRITE TIMEOUT ERR	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7926	PALLET IDTAG CONTROLER ERR [FLAMING]	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7927	PALLET IDTAG CONTROLER ERR [OVERRUN]	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7928	PALLET IDTAG CONTROLER ERR [COMMAND]	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7929	PALLET IDTAG CONTROLER ERR [LENGTH]	If you want to stop checking of ID tag, please set usage of special function of ID tag to OFF.	
7932	IDTAG Controller Initialize Error	Fali to initialize IDTAG controller. -Please check Com Port No. -Need reboot if use IDTAG controller.	

Ea : Application Error

No	Title	Message	Detail (Action)
7933	IDTAG Controller Initialize Error	Failed to initialize IDTAG controller. -Please check Com Port No. -Need reboot if use IDTAG controller.	
7934	Pallet IDTAG Send Command Error	Failed in send command to IDTAG controller. Pallet No _XXXX -Please check Com Port No. -Please check cable is connected.	
7935	Pallet IDTAG End Code Error	Response from IDTAG controller is error code. Pallet No _XXXX End Code _XXXX	
7936	IDTAG Writing Execution Error	Pallet is drawn out. Please return pallet.	
7951	Servo Offset for Programmable Push Up System	INIT ORIGIN Command Time Out [N4657] Servo Offset System is not available.	
7952	Servo Offset for Programmable Push Up System	MOVE Command Time Out [N4656] Servo Offset System is not available.	
7953	Servo Offset for Programmable Push Up System	Servo Offset System is not available.	
7954	Servo Offset for Programmable Push Up System	INIT ORIGIN Signal OFF [N4657] Servo Offset System is not available.	
7955	Servo Offset for Programmable Push Up System	SERVO READY Signal OFF [N4654] Servo Offset System is not available.	

Ea : Application Error

No	Title	Message	Detail (Action)
7956	Servo Offset for Programmable Push Up System	CMD Signal OFF [N4655] Servo Offset System is not available.	
7957	Servo Offset for Programmable Push Up System	Servo Amp Alarm Code : _XXXX Servo Offset System is not available.	
7965	Pick Rate Warning	Parts pick rate has reached warning level.	
7966	Pick Rate Warning	Head pick rate has reached warning level.	
7968	NonStop Feeder Error	NonStop Feeder Area Sensor is invalid. Please correctly clamp the Feeder or draw out the Feeder outside the machine surely. Front SetPosition _XXXX Rear SetPosition _XXXX	
7971	RETURN TO ORIGIN TIMEOUT ERROR	RETURN TO ORIGIN generated the timeout. Please check the axis. Axes _XXXX	
7972	TRANSFER CLAW TIMEOUT ERROR	Failed to move transfer claw. Please check transfer claw condition.	
7973	I/O DATA TRANSFER ERROR	SideView data for protection of Light Unit couldn't be transferred to "I/O Board". If the SideViewLight keeps lighting for a long time by some causes, the Light Unit might be damaged. Please reboot the machine.	
7974	VISION SYSTEM ERROR	Failed to get the pick position image. because vision system has any problems. Please consult your distributor for further information. vision error number _XXXX vision error state _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
7976	TAPE CUTTER CLOSE TIMEOUT ERROR	<p>Failed to close the tape cutter.</p> <p>Tape Cutter _XXXX Please try to open and close the tape cutter on [Unit]-[Feeder] screen, and confirm the movement of the tape cutter.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The movement of the tape cutting is failed. - Defective operation of cylinder and valve. - Air pressure lack for the tape cutter. - The sensor is defective. - The tape cutter safety cover is removed. 	<p>When this error occurs frequently, the following maintenance is necessary.</p> <ul style="list-style-type: none"> - Maintenance of cylinder and valve. - Adjust sensors position or exchange sensors. - Fit up the tape cutter safety cover. <p>When the tape cutter doesn't work normally, the setting can temporarily be invalidated.</p> <p>Please open the tape cutter on [Unit]-[Feeder] screen, and make the tape cutter be ineffective in [Machine]-[Machine Data]-[Mechanical]-[Position].</p>
7977	TAPE CUTTER OPEN TIMEOUT ERROR	<p>Failed to open the tape cutter.</p> <p>Tape Cutter _XXXX Please try to open and close the tape cutter on [Unit]-[Feeder] screen, and confirm the movement of the tape cutter.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - Defective operation of cylinder and valve. - Air pressure lack for the tape cutter. - The sensor is defective. 	<p>When this error occurs frequently, the following maintenance is necessary.</p> <ul style="list-style-type: none"> - Maintenance of cylinder and valve. - Adjust sensors position or exchange sensors. <p>When the tape cutter doesn't work normally, the setting can temporarily be invalidated.</p> <p>Please open the tape cutter on [Unit]-[Feeder] screen, and make the tape cutter be ineffective in [Machine]-[Machine Data]-[Mechanical]-[Position].</p>
7978	TAPE CUTTER CLOSE TIMEOUT ERROR	<p>Failed to close the tape cutter.</p> <p>Tape Cutter _XXXX Please try to open and close the tape cutter on [Unit]-[Feeder] screen, and confirm the movement of the tape cutter.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The movement of the tape cutting is failed. - Defective operation of cylinder and valve. - Air pressure lack for the tape cutter. - The sensor is defective. - The tape cutter safety cover is removed. 	<p>When this error occurs frequently, the following maintenance is necessary.</p> <ul style="list-style-type: none"> - Maintenance of cylinder and valve. - Adjust sensors position or exchange sensors. - Fit up the tape cutter safety cover. <p>When the tape cutter doesn't work normally, the setting can temporarily be invalidated.</p> <p>Please open the tape cutter on [Unit]-[Feeder] screen, and make the tape cutter be ineffective in [Machine]-[Machine Data]-[Mechanical]-[Position].</p>

Ea : Application Error

No	Title	Message	Detail (Action)
7979	TAPE CUTTER OPEN TIMEOUT ERROR	<p>Failed to open the tape cutter.</p> <p>Tape Cutter _XXXX Please try to open and close the tape cutter on [Unit]-[Feeder] screen, and confirm the movement of the tape cutter.</p> <p>The following causes are thought. - Defective operation of cylinder and valve. - Air pressure lack for the tape cutter. - The sensor is defective.</p>	<p>When this error occurs frequently, the following maintenance is necessary. - Maintenance of cylinder and valve. - Adjust sensors position or exchange sensors.</p> <p>When the tape cutter doesn't work normally, the setting can temporarily be invalidated.</p> <p>Please open the tape cutter on [Unit]-[Feeder] screen, and make the tape cutter be ineffective in [Machine]-[Machine Data]-[Mechanical]-[Position].</p>
7980	SEARCH ORIGIN LINEAR AXIS is non-complete	<p>Solution:</p> <p>Please select [Init Linear Origin] button. [Unit] button - [Head] tab - [Init Linear Origin] button</p> <p>Cause:</p> <p>"Init Origin Linear" processing is stopped.</p>	
7984	CART DOWN ERROR	<p>The down of the cart was not able to be confirmed.</p> <p>Cart position: _XXXX</p> <p>Cause :</p> <p>Cylinder and valve for the cart down are broken.</p> <p>Measures method :</p> <p>Please execute ON/OFF of the CLAMP switch again. Please contact the manufacturer when relapsing.</p>	
7985	Tape Cut Failure	<p>Failed to close the tape cutter.</p> <p>Tape Cutter _XXXX Please try to open and close the tape cutter on [Unit]-[Feeder] screen, and confirm the movement of the tape cutter.</p> <p>The following causes are thought. - The movement of the tape cutting is failed. - Defective operation of cylinder and valve. - Air pressure lack for the tape cutter. - The sensor is defective. - The tape cutter safety cover is removed.</p>	<p>When this error occurs frequently, the following maintenance is necessary. - Maintenance of cylinder and valve. - Adjust sensors position or exchange sensors. - Fit up the tape cutter safety cover.</p> <p>When the tape cutter doesn't work normally, the setting can temporarily be invalidated.</p> <p>Please open the tape cutter on [Unit]-[Feeder] screen, and make the tape cutter be ineffective in [Machine]-[Machine Data]-[Mechanical]-[Position].</p>

Ea : Application Error

No	Title	Message	Detail (Action)
7994	Parts Pick UP Error	<p>Pick up vacuum is abnormal. Pick up is failed.</p> <p>Frd set num _XXXX Head num _XXXX Parts num _XXXX Parts name _XXXX Threshold vacuum _XXXX Current vacuum _XXXX Please check the state of a head, and clear the error after rewinding a feeder manually.</p>	<p>[Cause ,possibility] 1.Parts fall. 2.Parts is Picked unstedily. 3.Threshold vacuum is not correct.</p> <p>[Countermeasure] 1.Please check the pick position. 2.Please check the pick up heigt. 3.Please adjust the [Parts data]-[Vacuum level]. 4.Please adjust the vacuum level ,mount level.</p>
7995	Parts Pick Up Error	<p>Head vacuum is abnormal. Picking up parts failed.</p> <p>Feeder set no. _XXXX Head no. _XXXX Parts no. _XXXX Parts name _XXXX Threshold vacuum _XXXX Current vacuum _XXXX Please check the state of the head. Parts are dumped after restart auto-running. Parts are fed at next pick action.</p>	<p>[Cause and possibility] 1. Parts fell during pick up. 2. Parts are picked unsteadily. 3. Threshold of vacuum is inappropriate.</p> <p>[Countermeasure] 1. Please check the pick position. 2. Please check the pick up height. 3. Please adjust the [Parts data]-[Vacuum level]. 4. Please adjust the pick vacuum level and mount vacuum level.</p>
7996	PCB fiducial mark shift error	<p>Difference of the PCB fiducial correction value before mounting with the PCB fiducial correction value after mounting is over the setting value.</p> <p>Difference of the PCB fiducial correction value (before mounting with after mounting)</p> <p>Setting value XY_XXXX Setting value R_XXXX X_XXXX Y_XXXX R_XXXX</p>	<p>[Cause and possibility] The PCB may have shifted during mounting.</p> <p>[Countermeasure] Please check the condition of PCB fix. -PCB Clamp -Push UP</p>
7997	TIME OUT ERROR TO CONFIRM HEAD UP	<p>During "Parts Bring Back Check", the machine detect that its head position is lower. Possible causes are as follows: -Head Z position is lower than safety position for moving XY axis.</p> <p>Please check the following items and resume operation. - the present height of a head is less than [machine setting]-[position coordinate]-[danger domain Z]. - the present height of a head is less than [machine setting]-[position coordinate]-[movable height]. * Please check the present height of a head from a [equipment]-[conveyor]-[axial move]-[ZR] tab. Even if it performs the above-mentioned correspondence, when not restoring, it resets, and if it resumes by loading from the middle, it may be able to restore.</p> <p>Please contact our service, when this error occurs frequently. Table No. _XXXX Head No. _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
7998	NOZZLE MACS ERROR	<p>Getting Nozzle MACS was failed.</p> <p>_XXXX</p> <p><Cause></p> <ul style="list-style-type: none"> - The nozzle might be dirty. - Database number is not correct. <p><Measures></p> <ul style="list-style-type: none"> - Check whether the nozzle is dirty. - Check whether the parts database number for Nozzle MACS is right. <p>[Pickup MACS]-[Nozzle MACS]-[Database Number]</p>	
7999	NOZZLE MACS CORRECTION VALUE ERROR	<p>The correction value of nozzle MACS exceeds the upper limit.</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p>_XXXX</p> <p><Cause></p> <ul style="list-style-type: none"> - The nozzle might be dirty. <p><Measures></p> <ul style="list-style-type: none"> - Exchange or clean the nozzle. 	

Ea : Application Error

No	Title	Message	Detail (Action)
8000	SQUEEGEE SAFE	Squeegee action is not available in "SQG.SAFE". Please close the upper cover and turn "UPPER DOOR" switch to "CLOSE",	
8001	UPPER DOOR SWITCH IS STILL "CLOSE".	When "UPPER DOOR" switch is "CLOSE", upper cover was opened. Please turn "UPPER DOOR" switch to "OPEN", then open the upper cover.	
8002	EXTENSION CONVEYOR COVER OPEN	Cover of the right side extension conveyor is open. Please close the cover. If the cover of the extension conveyor keeps open, W1 axis cannot move.	
8003	EXTENSION CONVEYOR SERVO CONTROL ERROR	It failed in individual servo ON/OFF control of the W1 axis. The following causes are thought. - Defective operation of cover lock. - Breakdown of cover contactor.	
8004	EXTENSION CONVEYOR COVER OPEN	Cover of the left side extension conveyor is open. Please close the cover. If the cover of the extension conveyor keeps open, W3 axis cannot move.	
8005	EXTENSION CONVEYOR SERVO CONTROL ERROR	It failed in individual servo ON/OFF control of the W3 axis. The following causes are thought. - Defective operation of cover lock. - Breakdown of cover contactor.	
8050	FLAP UP INTERLOCK	The axis cannot move when flap is in upper position.	
8051	CONVEYOR WIDTH INTERLOCK	The axis cannot move because a interference for the conveyor is detected.	
8052	CLEANER UP INTERLOCK	The axis cannot move when cleaner is in upper position.	
8053	FAIL TO FIX CLEANER	Output for cleaner fixation is ON but input for it is OFF.	

Ea : Application Error

No	Title	Message	Detail (Action)
8054	FAIL TO CONNECT CLEANER	Output for cleaner connection is ON but input for it is OFF.	
8055	CLEANER FREE INTERLOCK	Cleaner is not fixed and not connected.	
8056	MASK CAMERA LIGHT UP INTERLOCK	The axis cannot move when mask camera light is in upper position.	
8057	CLEANER FIXED AND CONNECTED INTERLOCK	Cleaner is fixed and connected.	
8058	UNABLE TO MOVE AXIS IN DANGEROUS POSITION	Y,R,W axis are not enable to move, because Board table is around Board carriage position.	
8059	UNABLE TO MOVE AXIS WITH A BOARD ON THE CONVEYOR	W2 axis are not enable to move, because a Board is detected on the conveyor.	
8060	SQUEEGEE DOWN INTERLOCK	The axis cannot moves when the squeegee is in lower position.	
8061	UNABLE TO CHANGE UPPER BUFFER CONVEYOR WIDTH	You cannot change width of upper buffer conveyor, because a Board is detected on the conveyor.	
8062	UNABLE TO CHANGE LOWER BUFFER CONVEYOR WIDTH	You cannot change width of lower buffer conveyor, because a Board is detected on the conveyor.	
8064	OUT OF MOVABLE AREA OF BOARD TABLE	X,Y,Z axis are not enable to move, because Board table is out of movable area.	
8065	OUT OF MOVABLE AREA OF SQUEEGEE	SY,SZ axis is not enable to move, because squeegee is out of movable area.	
8066	BOARD PRESS DOWN INTERLOCK	The axis cannot move when the Board press is in lower position.	
8068	PUSH-UP UNIT UP INTERLOCK	You can't change conveyor width, because push-up unit is up.	
8069	CLEANER FIX POS SENSOR INTERLOCK	Cleaner connection and fix position sensor are "ON" but conveyor table position is not in cleaner fix position. Sensor may be broken, Please Check Sensor condition.	

Ea : Application Error

No	Title	Message	Detail (Action)
8077	FIX UNIT SENSOR INTERLOCK	The sensor which is attached with either end of the fix unit detects. Therefore, the X-axis cannot moves. Please confirm the sensor, and remove the board.	
8078	WAIT STOPPER UP ERROR	A wait stopper cannot be up. Cause Since the guillotine sensor of a standby position has reacted, a board may be thrust up. Measure Please check the guillotine sensor of a standby position and remove a board.	
8080	UNABLE TO MOVE CAMERA AXIS	The camera axis are not enable to move, because board table is up.	
8081	UNABLE TO MOVE BOARD TABLE	X,Y,R axis of board table are not enable to move, because board table is down.	
8082	UNABLE TO MOVE UP Z AXIS OF BOARD TABLE	Z axis of board table is not enable to move up, because camera axis is not in escape position.	
8083	MASK STOPPER DOWN INTERLOCK	The axis cannot move, because mask stopper is down.	
8084	UNABLE TO MOVE Z AXIS DOWN OF BOARD TABLE	Z axis of board table is not enable to move down, because board table is not in transfer position.	
8085	MAIN STOPPER INTERLOCK	Main stopper axis cannot move, because the obstacle is detected.	
8086	AIR-CONDITIONER TEMPERATURE INTERLOCK	Temperature in the machine is not suitable for production. You cannot run the machine under this condition. Please check Air-Conditioner. Possible causes: 1. Power supply off of Air-Conditioner 2. Air-Conditioner is not effective.	
8087	AIR-CONDITIONER WATER FULL	The water tank of Air-Conditioner is full.	
8088	UNABLE TO MOVE BOARD TABLE WITH A BOARD ON ENTRANCE	Board table is not enable to move, because a Board is detected the entrance of the board table.	

Ea : Application Error

No	Title	Message	Detail (Action)
8089	UNABLE TO MOVE BOARD TABLE WITH A BOARD ON EXIT	Board table is not enable to move, because a Board is detected exit of the board table.	
8090	UNABLE TO CHANGE UPPER CONVEYOR WIDTH	You cannot change width of upper conveyor, because a Board is detected on the upper conveyor.	
8091	UNABLE TO CHANGE LOWER CONVEYOR WIDTH	You cannot change width of lower conveyor, because a Board is detected on the lower conveyor.	
8092	ORIGIN ERROR	Failed to start searching origin, because camera axis is not at the escape position. Please move the camera axis to the escape position, and try 'Origin' again.	
8093	OUT OF MOVABLE AREA OF CAMERA AXIS	CX,CY axis are not enable to move, because camera axis is out of movable area.	
8094	AIR-CONDITIONER INTERLOCK	The Air-conditioner doesn't work normally. Please check Air-Conditioner. Possible cause: 1. The Air-Conditioner broke down. 2. Ten minutes passed after the water tank of Air-Conditioner is full.	
8095	CLEANING SOLVENT OUTPUT ERROR	Something is wrong in the output of the cleaning solvent. Please release the EMERGENCY STOP,press [Fuel Pump] on [Unit/Cleaner] screen, and confirm whether the cleaning solvent is correctly output. When the cleaning solvent is not correctly output, the following causes are thought. (1) Breakdown of relay of solvent pump. (2) Abnormality of conveyer I/O board. (3) Disconnection of I/O communication line. [Measures:] (1) Exchange of relay of solvent pump. (2) Exchange of conveyer I/O boards. (3) Please confirm disconnection of I/O	
8096	UNABLE TO MOVE SR AXIS	SR axis is not enable to move, because SZ axis is lower than the rotation height of SR axis. Please execute it again after moving up SZ axis on axis move dialog or reset operation.	
8098	MAIN STOPPER AXIS MOVE ERROR	A main stopper axis cannot be moved. Cause A board is in a machine and the main stopper up. Measure 1. Please remove the board in a machine. 2. Please down a main stopper.	

Ea : Application Error

No	Title	Message	Detail (Action)
8099	MAIN STOPPER UP ERROR	<p>A main stopper cannot be up.</p> <p>Cause A board is in a machine</p> <p>Measure The board in a machine is removed.</p>	
8100	SQUEEGEE UP ERROR	Failed to move squeegee up.	
8101	SQUEEGEE DOWN ERROR	Failed to move squeegee down.	
8102	PRINT FORCE CONTROLL ERROR	<p>Fail to control Print Force. Please check the attachment status of squeegee, and the fixed status of the board.</p> <p>Target Force _XXX Current Force _XXX</p>	<p>Check the following points.</p> <p>(1) Is the squeegee securely attached to the holder?</p> <p>(2) Is the mask uniformly clamped on the printing table? Correct the problem by re-attaching the squeegee or re-clamping the mask.</p> <p>(3) Make sure the thickness of the PCB is properly entered</p> <p>(4) Contact failure of connector on HEAD I/O BOARD</p> <p>(5) Contact failure between HEAD I/O BOARD and load cell</p>
8103	SOLDER AMOUNT ERROR	<p>Enclosed Head is lack of solder. Please Check which squeegee position is.</p> <p>[Front side] (1) Please supply solder with no operation.</p> <p>[Rear side] (1) Reset auto-running (2) Press "Move Squeegee" button to move squeegee to front side. (3) Please Supply solder.</p>	
8104	SQUEEGEE TYPE ERROR	"Enclosed Head" is selected for "Squeegee Type" parameter in Board data.	
8105	SQUEEGEE TYPE ERROR	Double Squeegee is attached on squeegee head. But "Double" is not selected for "Squeegee Type" parameter in Board data.	
8106	SQUEEGEE TYPE ERROR	Enclosed Head is attached on squeegee head. But "Enclosed Head" is not selected for "Squeegee Type" parameter in Board data.	
8107	SQUEEGEE TYPE ERROR	3S Head is attached on squeegee head. But "3S Head" is not selected for "Squeegee Type" parameter in Board data.	

Ea : Application Error

No	Title	Message	Detail (Action)
8108	DOUBLE SQUEEGEE ATTACHMENT ERROR	Double Squeegee is attached on squeegee head. But "Double" is not selected for "Squeegee Type" parameter in machine data. Please change machine data to "Double", and reboot the machine.	
8109	ENCLOSED HEAD ATTACHMENT ERROR	Enclosed Head is attached on squeegee head. But "Enclosed Head" is not selected for "Squeegee Type" parameter in machine data. Please change machine data to "Enclosed Head", and reboot the machine.	
8110	3S HEAD ATTACHMENT ERROR	3S Head is attached on squeegee head. But [3S Head] is not selected for [Squeegee Type] parameter in machine data. Please change machine data to [3S Head], and reboot the machine.	
8150	MAIN STOPPER UP ERROR	Failed to move main stopper up.	
8151	MAIN STOPPER DOWN ERROR	Failed to move main stopper down.	
8152	BOARD FLAP UP ERROR	Failed to move Board flap up.	
8153	BOARD FLAP DOWN ERROR	Failed to move Board flap down.	
8154	EDGE CLAMP FIX ERROR	Failed to move edge clamp for fixation.	
8155	EDGE CLAMP RELEASE ERROR	Failed to move edge clamp for release.	
8156	BOARD PRESS UP ERROR	Failed to move Board press up.	
8157	BOARD PRESS DOWN ERROR	Failed to move Board press down.	

Ea : Application Error

No	Title	Message	Detail (Action)
8158	BOARD VACUUM CHECK ERROR	The result of Board vacuum check was NG. There is a possibility that Board is not fixed on the conveyor or is warped too much or adjustment of the vacuum sensor is not correct.	
8159	CONVEYOR ERROR	The main-stopper position can not change, because of the board on the conveyor. Try to remove it.	
8162	UNABLE TO MOVE FLAP IN DANGEROUS POSITION	Operation of the flap in this table height cannot be performed. Please lower the Board table.	
8163	THE MAIN STOPPER OPERATION IS DANGEROUS.	The board press is descending. Under such a condition, there is a possibility of coming in contact when the main stopper is raised. Please execute it again after it rises in the board press.	
8164	UNABLE TO MOVE FLAP	It is unable to move flap, because there is a possibility that the flap interferes with the camera axis or the board press. There are possible causes as follows, please remove the causes. (1) The board table is not in the height of the board recognition. (2) The board press is down.	
8165	UNABLE TO MOVE BOARD PRESS	It is unable to move board press, because there is a possibility that the board press interferes with the board table or the conveyor unit. There are possible causes as follows, please remove the causes. (1) The board table is not in the height for the board transfer. (2) The main stopper is up. (3) The flap is up.	
8166	Edge Clamp Pressure Error	The pressure of edge clamp has not reached the specified pressure.	
8167	UNABLE TO MOVE FLAP	It is unable to move flap while "EMERGENCY STOP". Please release "EMERGENCY STOP".	
8169	MAIN STOPPER FORWARD ERROR	Failed to move main stopper forward. Please confirm whether the main stopper moves back and forth smoothly. 1. If the main stopper don't move forth smoothly, there is a possibility that the actuator to move the main stopper back and forth has been damaged. 2. If the main stopper move forth smoothly, there is a possibility that	

Ea : Application Error

No	Title	Message	Detail (Action)
8170	MAIN STOPPER BACKWARD ERROR	<p>Failed to move main stopper backward.</p> <p>Please confirm whether the main stopper moves back and forth smoothly.</p> <p>1.</p> <p>If the main stopper don't move back smoothly, there is a possibility that the actuator to move the main stopper back and forth has been damaged.</p> <p>2.</p> <p>If the main stopper move back smoothly, there is a possibility that the sensor for the backward of the main stopper has not been</p>	
8171	UNABLE TO MOVE FLAP	<p>Moving the flap is necessary for moving the board table. But it is unable to move flap, because there is a possibility that the flap interferes with the camera axis or the board press.</p> <p>There are possible causes as follows, please remove the causes.</p> <p>(1) The board table is not in the height of the board recognition. (2) The board press is down.</p>	
8172	CONV WIDTH CHECK ERROR	<p>Because the width of the conveyer doesn't become complete, the board cannot be transported.</p> <p>Please remove the board, and adjust conveyer width.</p>	
8173	There Is No Board In Entrance Conveyor	<p>Can not start auto-running because board is not put in entrance conveyor, or board carried out is not changed after printing.</p> <p>When 'Conveyor Spec' is set in 'Manual Return', please remove board carried out from entrance conveyor after printing and put new board on it. After that, please push 'START' button.</p>	
8200	UNABLE TO LOAD BOARD	<p>Unable to carry Board in. Possible causes:</p> <p>(1) There is no Board on entrance position of the conveyor. (2) There is a Board on print position of the conveyor. (3) There is a Board on exit position of the conveyor.</p>	
8201	UNABLE TO UNLOAD BOARD	<p>Unable to carry Board out. Possible causes:</p> <p>(1) There is a Board on entrance position of the conveyor. (2) There is no Board on print position of the conveyor. (3) There is a Board on exit position of the conveyor.</p>	
8202	UNABLE TO FIX BOARD	<p>Unable to fix Board. Possible cause:</p> <p>(1) There is no Board on print position of the conveyor.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
8203	CARRY-IN BOARD ERROR	Failed to load Board on the conveyor.	
8204	CARRY-OUT BOARD ERROR	Failed to unload Board from the conveyor.	
8205	CONVEYOR WIDTH ERROR	Conveyor width is different from Board size Y.	
8206	UNABLE TO MOVE BOARD TABLE	Unable to move Board table with a Board on the conveyor. Please remove the Board.	
8207	FAILED TO FIX BOARD	Failed to fix Board. There is no Board on the fixation position of the conveyor.	
8208	UNABLE TO LOAD BOARD FROM UPSTREAM BUFFER CONVEYOR	Unable to carry Board in. Followings are possible as the reason. (1) There is no Board on entrance position of the upstream buffer conveyor. (2) There is a Board on exit position of the upstream buffer conveyor. Please remove the Board on the upstream buffer conveyor.	
8209	FAILED TO CARRY BOARD ON UPSTREAM BUFFER	Failed to carry Board. Please remove the Board on the upstream buffer conveyor.	
8210	ILLEGAL BOARD DETECTION ON UPSTREAM BUFFER	More than 2 boards are detected on the conveyor. Please remove the boards on the buffer conveyor.	
8211	UNABLE TO CARRY BOARD IN DOWNSTREAM BUFFER CONVEYOR	Unable to load Board into downstream buffer conveyor. Possible causes: (1) There is no Board at entrance position of the downstream buffer conveyor. (2) There is Board at exit position of the downstream buffer conveyor. Please remove the Board on the downstream buffer conveyor.	
8212	FAILED TO CARRY BOARD ON DOWNSTREAM BUFFER	Failed to carry Board on downstream buffer conveyor. Please remove the Board on the downstream buffer conveyor.	
8213	ILLEGAL BOARD DETECTION ON DOWNSTREAM BUFFER	More than 2 boards are detected on the conveyor. Please remove the boards on the downstream buffer conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8214	BOARD TRANSFER ERROR	Unable to load Board into the main conveyor. Possible causes: (1) There is a Board on print position of the main conveyor. (2) There is a Board on exit of the main conveyor.	
8215	BOARD TRANSFER ERROR	Failed to load Board into the main conveyor.	
8216	BOARD TRANSFER ERROR	Cannot perform the board import from the entrance. --- CAUSE --- The transfer position does not have a table axis or may slip off. --- COUNTERMEASURE --- Please reset it, and push the START button.	
8217	BOARD TRANSFER ERROR	Failed to load Board from exit of the main conveyor.	
8218	BOARD TRANSFER ERROR	Failed to carry Board from extended guide of the main conveyor.	
8219	BOARD TRANSFER ERROR	Failed to carry Board from entrance to print position of the main conveyor.	
8220	BOARD TRANSFER ERROR	Failed to carry Board from exit to print position of the main conveyor.	
8221	<< CRITICAL ERROR >> The printed board was missed.	When The board fixation was released after board detached, the board was not detected by the printing position sensor. The following causes can be considered. 1. The board has stuck to the mask. 2. The board dropped from the conveyor. Please restore according to the following procedures to resume operation. 1.Please push an emergency stop button and remove a mask. 2.Please check and remove the state of the board of a print position. 3.Please start operation again after performing reset.	
8222	BOARD TRANSFER ERROR	Failed to carry Board from print position to entrance of the main conveyor.	
8223	BOARD TRANSFER ERROR	Failed to carry Board from print position to exit of the main conveyor.	
8224	BOARD TRANSFER ERROR	Failed to carry Board from print position to extended guide of the main conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8225	BOARD TRANSFER ERROR	Failed to carry Board slowly to exit of the main conveyor.	
8226	BOARD TRANSFER ERROR	Failed to unload Board from entrance of the main conveyor.	
8227	BOARD TRANSFER ERROR	Failed to unload Board from exit of the main conveyor.	
8228	BOARD TRANSFER ERROR	Failed to unload Board out of the main conveyor.	
8229	BOARD TRANSFER ERROR	No Board is supplied on entrance of the main conveyor.	
8230	BOARD TRANSFER ERROR	No Board is supplied on extended guide of the main conveyor.	
8231	BOARD TRANSFER ERROR	Unable to load Board into the upstream buffer conveyor. Possible causes: (1) There is a Board on entrance of the upstream buffer conveyor. (2) There is a Board on exit of the upstream buffer conveyor.	
8232	BOARD TRANSFER ERROR	Failed to load Board into the upstream buffer conveyor.	
8233	BOARD TRANSFER ERROR	Failed to carry Board from entrance to exit of the upstream buffer conveyor.	
8234	BOARD TRANSFER ERROR	Failed to carry Board from exit to entrance of the upstream buffer conveyor.	
8235	BOARD TRANSFER ERROR	Failed to unload Board from exit of the upstream buffer conveyor.	
8236	BOARD TRANSFER ERROR	Failed to unload Board out of the upstream buffer conveyor.	
8237	BOARD TRANSFER ERROR	Unable carry Board from the upstream buffer conveyor. Possible cause: (1) There are Boards on the entrance and exit of the upstream buffer conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8238	BOARD TRANSFER ERROR	Unable to load Board into the downstream buffer conveyor. Possible causes: (1) There is a Board on entrance of the downstream buffer conveyor. (2) There is a Board on exit of the downstream buffer conveyor.	
8239	BOARD TRANSFER ERROR	Failed to load Board into the downstream buffer conveyor.	
8240	BOARD TRANSFER ERROR	Failed to carry Board from entrance to exit of the downstream buffer conveyor.	
8241	BOARD TRANSFER ERROR	Failed to carry Board from exit to entrance of the downstream buffer conveyor.	
8242	BOARD TRANSFER ERROR	Failed to unload Board from entrance of the downstream buffer conveyor.	
8243	BOARD TRANSFER ERROR	Failed to unload Board from exit of the downstream buffer conveyor.	
8244	BOARD TRANSFER ERROR	Failed to unload Board out of the downstream buffer conveyor.	
8245	BOARD TRANSFER ERROR	Unable carry Board on the downstream buffer conveyor. Possible causes: (1) There is Board at both entrance and exit of the downstream buffer conveyor.	
8246	BOARD TRANSFER ERROR	Cannot unload the Board on the downstream buffer conveyor. Please press "Supply Board" button and START button to supply Board on the downstream buffer conveyor manually for unload.	
8247	SUPPLY BOARD	Board is ready to unload to the next machine. Please supply the Board at exit of the downstream buffer conveyor and press START button to restart. If you want to cancel supply, release "Supply Board" button and press START button to restart.	
8248	BOARD TRANSFER ERROR	Failed to load Board from exit of the upstream buffer conveyor.	
8249	BOARD TRANSFER ERROR	Failed to load Board from entrance of the downstream buffer conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8250	ILLEGAL BOARD DETECTION ON MAIN CONVEYOR ENTRANCE	Illegal Board is detected on the entrance sensor of the main conveyor. More than 2 boards may exist on the main conveyor. Please check the boards on the main conveyor and remove all the boards on the main conveyor. Please restart Auto-Running after Reset.	
8253	ILLEGAL BOARD DETECTION ON MAIN CONVEYOR EXIT	Illegal Board is detected on the exit sensor of the main conveyor. More than 2 boards may exist on the main conveyor. Please check the boards on the main conveyor and remove all the boards on the main conveyor. Please restart Auto-Running after Reset.	
8254	ILLEGAL BOARD DETECTION ON MAIN CONVEYOR	The Boards were detected simultaneously on the entrance sensor and print position sensor of the main conveyor. Please remove boards on the entrance sensor and the print position sensor of the main conveyor. Please restart Auto-Running after Reset.	
8255	ILLEGAL BOARD DETECTION ON MAIN CONVEYOR	The Board was detected simultaneously on the entrance sensor and exit sensor of the main conveyor. Please remove boards on the entrance sensor and the exit sensor of the main conveyor. Please restart Auto-Running after Reset.	
8256	ILLEGAL BOARD DETECTION ON UPSTREAM BUFFER CONVEYOR	The Board was detected simultaneously on the entrance sensor and exit sensor of the upstream buffer conveyor. Please remove boards on the entrance sensor and the exit sensor of the upstream buffer conveyor. Please restart Auto-Running after Reset.	
8257	ILLEGAL BOARD DETECTION ON DOWNSTREAM BUFFER CONVEYOR	The Board was detected simultaneously on the entrance sensor and exit sensor of the downstream buffer conveyor. Please remove boards on the entrance sensor and the exit sensor of the downstream buffer conveyor. Please restart Auto-Running after Reset.	
8260	<<WARNING>> The fixed board is lost.	The fixed board is lost. The following causes can be considered. 1. The board has stuck to the mask. 2. The board dropped from the conveyor. Please remove a mask and be sure to check the state of the board. Please remove the board and restart auto running after reset.	The state of the edge clamp fore end sensor is "OFF". If the board fixed state is normal, there is a possibility that this sensor is broken. Please check this sensor.

Ea : Application Error

No	Title	Message	Detail (Action)
8267	ILLEGAL BOARD DETECTED BETWEEN THE STAGE	There is a Board on the edge of the moving conveyor. Please resume automatic operation after checking around a sensor which detected abnormality and solving abnormalities. Stage: XXXX 1:UPPER STAGE 2:LOWER STAGE Sensor: XXXX 1:ENTRANCE CONVEYOR 2:UPPER STAGE ENTRANCE 3:UPPER STAGE EXIT 4:LOWER STAGE ENTRANCE 5:LOWER STAGE EXIT 6:EXIT CONVEYOR	
8270	UNABLE TO CONNECT CLEANER	Unable to connect cleaner with Board table. Possible causes: (1) Cleaner is already connected with Board table. (2) Cleaner is not fixed on the base.	
8271	UNABLE TO CLEAN MASK	Unable to work cleaner. Possible causes: (1) Cleaner is not connected with Board table. (2) Cleaner is fixed on the base. (3) Cleaner is not in lower position.	
8272	UNABLE TO SEPARATE CLEANER	Unable to separate cleaner with Board table. Possible causes: (1) Cleaner is already separated from Board table. (2) Cleaner is fixed on the base.	
8273	CLEANER CONNECT ERROR	Failed to connect cleaner with Board table.	
8274	CLEANER SEPARATE ERROR	Failed to separate cleaner from Board table.	
8275	CLEANER FIX ERROR	Failed to fix cleaner on the base.	
8276	CLEANER RELEASE ERROR	Failed to release cleaner from the base.	
8277	CLEANER UP ERROR	Failed to move cleaner up.	
8278	CLEANER DOWN ERROR	Failed to move cleaner down.	
8279	GAUZE ROLLING FINISHED	All gauze has been rolled up. Please exchange gauze roll for a new one.	

Ea : Application Error

No	Title	Message	Detail (Action)
8280	GAUZE ROLLING FINISHED	All gauze has been rolled up. Please exchange gauze roll for a new one.	
8281	LACK OF SOLVENT	Cleaner solvent is low. Refill it.	
8282	CLEANING INTERVAL END	Specified number of Board for cleaning interval is finished. Cleaning will start. Please remove the Board on the conveyor.	
8283	CLEANER EXHAUST VALVE CLOSE ERROR	Failed to close the exhaust valve for the cleaner.	
8284	CLEANER EXHAUST VALVE OPEN ERROR	Failed to open the exhaust valve for the cleaner.	
8285	GAUZE ROLL MOTOR ALARM	Control board of gauze rollmotor detected error.	
8288	CLEANER VACUUM UP CHECK ERROR	The vacuum of the cleaner was not up when the cleaner head goes up. Possible cause: 1. The cleaner hose has damage. 2. The cleaner filter is choked up. 3. The exhaust valve is broken. 4. The blower motor is broken.	
8289	CLEANER VACUUM DOWN CHECK ERROR	The vacuum of the cleaner was not down when the cleaner head goes down. Possible cause: 1. The exhaust valve is broken.	
8290	SOLVENT CEHECK ERROR	The solvent of the cleaner did not reach the cleaner head. Possible cause: 1. A solvent hose has a crack and the solvent has leaked. 2. There is some garbage in the solvent pump, the solvent do not flow. 3. Lack of solvent.	

Ea : Application Error

No	Title	Message	Detail (Action)
8291	CLEANER GAUZE ROLLING CYLINDER FORWARD ERROR	<p>Failed to move forward the cylinder that rolls cleaner gauze.</p> <p>Please confirm whether the cylinder that rolls cleaner gauze moves back and forth smoothly.</p> <p>1.</p> <p>If this cylinder doesn't move forward smoothly, there is a possibility that this cylinder has been damaged.</p> <p>2.</p> <p>If this cylinder move forward smoothly, there is a possibility that the sensor for this cylinder has not been detected correctly.</p>	
8292	CLEANER GAUZE ROLLING CYLINDER BACK ERROR	<p>Failed to move backward the cylinder that rolls cleaner gauze.</p> <p>Please confirm whether the cylinder that rolls cleaner gauze moves back and forth smoothly.</p> <p>1.</p> <p>If this cylinder doesn't move backward smoothly, there is a possibility that this cylinder has been damaged.</p> <p>2.</p> <p>If this cylinder move back smoothly, there is a possibility that the sensor for this cylinder has not been detected correctly.</p>	
8300	MASK CAMERA LIGHT UP ERROR	Failed to move mask camera light up.	
8301	MASK CAMERA LIGHT UP ERROR	Failed to move mask camera light down.	
8302	MASK CLAMP FIX ERROR	Failed to move mask clamp for fixation.	
8303	MASK CLAMP RELEASE ERROR	Failed to move mask clamp for release.	
8304	MASK CLAMP ERROR	Mask is not clamped. Please clamp the mask.	
8305	ILLEGAL MASK OFFSET	Illegal Mask Offset is specified.	

Ea : Application Error

No	Title	Message	Detail (Action)
8306	MASK INSPECTION INTERVAL END	Specified number of Board for mask inspection interval is finished. Mask inspection will start. Please remove the Board on the conveyor.	
8307	Please set stencil mask.	Please change the position of the mask positioning pin according to the size of the stencil mask, and set the stencil mask pressing it left side and backward.	
8308	Mask Stopper Down Error	Because the mask exists, the mask stopper cannot be downed. Please execute it again after detaching the mask.	
8309	MASK STOPPER UP ERROR	Failed to move mask stopper up.	
8310	MASK STOPPER DOWN ERROR	Failed to move mask stopper down.	
8311	Please remove stencil mask.	Please clamp the stencil mask again after removing the stencil mask.	
8312	MASK SET POSITION ERROR	It is necessary to change the set position of stencil mask, because the following parameters of the board data was edited after the stencil mask was clamped. (1) "Mask Standard Position Offset Y" was changed by 5mm or more. (2) "Board Size Y" was changed by 10mm or more. (When the "Mask Standard Position" is only Center.) Please clamp the stencil mask again after removing the stencil mask.	
8350	IMAGE DATA SAVE ERROR	Failed to save the image data.	
8351	IMAGE DATA FILE OPEN ERROR	Failed to open the image data file.	
8352	IMAGE DATA FILE WRITE ERROR	Failed to write the image data file.	
8353	IMAGE DATA FILE READ ERROR	Failed to read the image data file.	
8354	UNABLE TO GET IMAGE DATA	Failed to get the image data.	

Ea : Application Error

No	Title	Message	Detail (Action)
8355	BOARD FIDUCIAL DETECTION ERROR	Failed to detect defined mark. Board fiducial _XXXX Mark data _XXXX	
8356	MASK FIDUCIAL DETECTION ERROR	Failed to detect defined mark. Mask fiducial _XXXX Mark data _XXXX	
8357	BOARD FIDUCIAL AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance. Board fiducial _XXXX Mark data _XXXX	
8358	MASK FIDUCIAL AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance. Mask fiducial _XXXX Mark data _XXXX	
8359	Board FIDUCIAL DETECTION ERROR	A part of the fiducial mark is located out of the specified search area or the fiducial correction angle is too big. Board fiducial _XXXX Mark data _XXXX	
8360	MASK FIDUCIAL DETECTION ERROR	A part of the fiducial mark is located out of the specified search area or the fiducial correction angle is too big. Mask fiducial _XXXX Mark data _XXXX	
8361	BOARD FIDUCIAL SHAPE ERROR	Failed to detect a fiducial mark of the specified shape. Board fiducial _XXXX Mark data _XXXX	
8362	MASK FIDUCIAL SHAPE ERROR	Failed to detect a fiducial mark of the specified shape. Mask fiducial _XXXX Mark data _XXXX	
8363	BOARD FIDUCIAL AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance (Special). Board fiducial _XXXX Mark data _XXXX	
8364	MASK FIDUCIAL AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance (Special). Mask fiducial _XXXX Mark data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
8365	LOCAL FIDUCIAL DETECTION ERROR	Failed to detect defined mark. Local fiducial _XXXX Mark data _XXXX	
8366	LOCAL FIDUCIAL AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance. Local fiducial _XXXX Mark data _XXXX	
8367	LOCAL FIDUCIAL DETECTION ERROR	A part of the fiducial mark is located out of the specified search area or the fiducial correction angle is too big. Local fiducial _XXXX Mark data _XXXX	
8368	LOCAL FIDUCIAL SHAPE ERROR	Failed to detect a fiducial mark of the specified shape. Local fiducial _XXXX Mark data _XXXX	
8369	LOCAL FIDUCIAL AREA OR PERIMETER ERROR	The detected fiducial mark area or perimeter is out of tolerance (Special). Local fiducial _XXXX Mark data _XXXX	
8370	BOARD DISTORTION IS OVER TOLERANCE	Board distortion over tolerance was detected in Board fiducial recognition. Board fiducial _XXXX Detected Distortion X = _XXXX [mm] Detected Distortion Y = _XXXX [mm]	
8371	BOARD DISTORTION IS OVER TOLERANCE	Board distortion over tolerance was detected in local fiducial recognition. Local fiducial _XXXX Detected Distortion X = _XXXX [mm] Detected Distortion Y = _XXXX [mm]	
8372	BOARD DISTORTION IS OVER TOLERANCE	Board distortion over tolerance was detected in Board fiducial recognition. Board fiducial _XXXX Detected Distortion X = _XXXX [mm] Detected Distortion Y = _XXXX [mm]	
8373	BOARD DISTORTION IS OVER TOLERANCE	Board distortion over tolerance was detected in local fiducial recognition. Local fiducial _XXXX Detected Distortion X = _XXXX [mm] Detected Distortion Y = _XXXX [mm]	
8374	PLEASE REMOVE BOARD	Board distortion over tolerance was detected for the board carried out to the board remove position.	

Ea : Application Error

No	Title	Message	Detail (Action)
8375	DO YOU WISH TO REMOVE THE BOARD?	<p>If you select "YES", the board detected distortion will not be carried out to the board remove position without doing the print or the print inspection and the machine will stop to remove the board.</p> <p>If you select "NO", printing will be continued for the board.</p> <p>Please press "START" button to restart auto running after selection.</p>	
8378	DO YOU WISH TO REMOVE THE BOARD?	<p>If you select "YES", the board detected distortion will be carried.</p> <p>If you select "NO", processing will be continued for the board.</p>	
8380	SOLDER REMAINING AMOUNT DECREASE NOTICE	<p>The remaining solder amount in the cartridge has decreased.</p> <p>Please prepare a new solder cartridge.</p>	
8381	DATA CHECK ERROR	<p>The solder supply time or the amount is too much.</p> <p>Please input the _XXXX or less.</p>	
8382	DATA CHECK ERROR	<p>The solder supply time or the amount is too less.</p> <p>Please input the _XXXX or more.</p>	
8383	DATA CHECK ERROR	<p>The width of solder cannot be correctly measured, because the "Target Rolling Width" wider than solder scan distance from start position to end position.</p> <p>Please widely set the distance from the "Rolling Stroke" to "Over Stroke", or input the _XXXX mm or less to "Target Rolling Width".</p>	
8384	DATA CHECK ERROR	<p>The width of solder cannot be correctly measured, because the "Target Rolling Width" is too narrow and rolling shape on the mask is not steady.</p> <p>Please input the _XXXX mm or more to "Target Rolling Width".</p>	
8385	DATA CHECK ERROR	<p>Solder supply position SY, SZ or SR is out of Soft Limit.</p> <p>Please check the parameter of machine data about solder supply or board data.</p> <ul style="list-style-type: none"> - Solder Supply Offset (mm) - Supply Nozzle Offset Y (mm) - SZ-axis Supply Pos. (mm) - SR-axis Supply Pos. (deg) 	
8386	DATA CHECK ERROR	<p>Solder supply start position FX is out of Soft Limit.</p> <p>Please check the parameter of machine data about solder supply.</p> <ul style="list-style-type: none"> - Supply Nozzle Offset X (mm) 	

Ea : Application Error

No	Title	Message	Detail (Action)
8387	DATA CHECK ERROR	Solder supply end position FX is out of Soft Limit. Please check the parameter of machine data about solder supply. - Supply Nozzle Offset X (mm)	
8388	DATA CHECK ERROR	Solder scan start position SY, SZ or SR is out of Soft Limit. Please check the parameter of machine data about solder scan or board data. - Over Stroke (mm) - Scan Sensor Offset Y (mm) - SZ-axis Scan Pos. (mm) - SR-axis Scan Pos. (deg)	
8389	DATA CHECK ERROR	Solder scan end position SY, SZ or SR is out of Soft Limit. Please check the parameter of machine data about solder scan or board data. - Rolling Stroke (mm) - Scan Sensor Offset Y (mm) - SZ-axis Scan Pos. (mm) - SR-axis Scan Pos. (deg)	
8390	SOLDER CUTTER OPEN ERROR	Failed to open the solder cutter. Please check in and around the solder cutter. - Sensor is not working. - A solder solidifies and affects opening and shutting. - Decline of the air pressure on solder cut part.	
8391	SOLDER CUTTER CLOSE ERROR	Failed to close the solder cutter. Please check in and around the solder cutter. - Sensor is not working. - A solder solidifies and affects opening and shutting. - Decline of the air pressure on solder cut part.	
8392	SOLDER EMPTY ERROR	Please exchange the solder cartridge. After this message is cleared, the squeegee head moves to front side.	
8393	PLEASE EXCHANGE THE SOLDER CARTRIDGE.	Please restart auto running after exchanging the empty solder cartridge in the following procedure. 1. Open the door cover. 2. Set the new solder cartridge. 3. Close the door cover and push the READY button. 4. Push the START button and let the machine restart auto running.	
8394	PLEASE EXCHANGE THE SOLDER CARTRIDGE.	Please exchanging the empty solder cartridge in the following procedure. 1. Open a door cover. 2. Set the new solder cartridge.	

Ea : Application Error

No	Title	Message	Detail (Action)
8395	SOLDER SUPPLY FAILED	<p>Failed to supply the solder paste.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The solder supply amount is not able to be decided. - There is a possibility that the PSC unit and the mask clamping unit interfere because solder supply position is too forward. - There is a possibility that the PSC unit and the mask adapter interfere because the mask adaptor is used and the size of the squillgee is 400mm or more. 	
8396	SOLDER WIDTH MEASURE ERROR	<p>Failed to be able to measure the solder width.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The border of the solder is not able to detect, because solder width was too narrow or other reason. - The solder had already been detected at the measurement start position. <p>Please regulate print pressure or ascent speed on the squeegee.</p>	
8397	SOLDER WIDTH MEASURE ERROR	<p>Failed to be able to measure the solder width.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The border of the solder is not able to detect, because solder width was too big or other reason. - The solder had continued detecting a solder over the measurement end position. <p>Please regulate print pressure or ascent speed on the squeegee.</p>	
8398	SOLDER WIDTH NARROW ERROR	<p>The solder width is narrower than target width.</p> <p>Please supply a solder, or regulate the targeted value of the solder width.</p>	
8399	SOLDER WIDTH THICK ERROR	<p>The solder width is thicker than target width.</p> <p>Please regulate the targeted value of the solder width.</p>	
8400	SOLDER SUPPLY INTERVAL END	<p>Specified number of Board for solder supply interval is finished.</p> <p>Please supply solder on the mask.</p> <p>If you supply it on another side of the mask, please change squeegee direction.</p>	
8401	ROT END	<p>Specified number of Board is finished.</p>	
8402	MANUAL CLEANING INTERVAL END	<p>Specified number of Board have already printed.</p>	
8403	MASK CHECK INTERVAL END	<p>Specified number of Board have already printed.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
8404	CONVEY OUT BOARD	Stopped according to Convey Out Board button.	
8405	BOARD CHECK INTERVAL END	Specified number of Board have already printed.	
8406	CYCLE STOP	CYCLE STOP button was executed.	
8450	MACHINE CONTROL HAS BEEN STARTED.	MACHINE CONTROL HAS BEEN STARTED.	
8452	DATA READ ERROR	Failed to read Board data for Printer.	
8453	DATA READ ERROR	This Board data is not for Printer.	
8454	DATA SAVE ERROR	Failed to save Board data for Printer.	
8461	Selected items will be deleted.	Selected items will be deleted.	
8462	Copy fiducial position from Board to mask.	If "Fiducial Position" is specified to "Board&Mask Common", the parameters as follows is common between Board and Mask. (1) Coordinates of Fiducial Position (2) Fiducial Type (3) Datum Position (4) Coordinates of Origin	
8463	Copy fiducial position from mask to Board.	If "Fiducial Position" is specified to "Board&Mask Common", the parameters as follows is common between Board and Mask. (1) Coordinates of Fiducial Position (2) Fiducial Type (3) Datum Position (4) Coordinates of Origin	
8465	Selected file will be deleted.	Selected file will be deleted.	
8466	Can not store all scanned objects.	Can not store all scanned objects.	
8468	Putting a scan result in order.		

Ea : Application Error

No	Title	Message	Detail (Action)
8469	DATA READ ERROR	The multi-byte character was detected during reading.	
8470	FAILED TO TEACHING	It failed to teaching because the board table was not at the teaching position. The board table was moved to the teaching position, and please execute the teaching again.	
8474	Power supply off danger error	There is danger of the interference with board flap and camera axis when power supply off. Please push the "OK" button when you turn off the power supply like this state. After the flap is lowered please push "Cancel" button when you turn off the power supply. and, please push power supply off button again after it processes as follows. 1. The camera axis is moved to the escape position. 2. The board flap button of the unit screen is pushed,	
8483	CAPTURE PCB VISION ERROR	Vision recognition didn't work normally.	
8484	Save Mask Scan image Error	Failed to create folder. Please check following item in machine data. [Special Setting] - [Detail Setting] - [Mask Scan] - [Result Path]	
8485	The board capture images that can be saved are up to ten.	Please capture the board again after deleting an unnecessary image from the bitmap selection screen.	
8486	INSPECTION DATA ADD ERROR	Much object data exists. Objects integration data was not newly able to be created.	
8487	INSPECTION DATA SETUP ANGLE ERROR	The data that the angle was set up exists in select data. Objects integration data was not newly able to be created.	
8488	INSPECTION DATA OVERLAP ERROR	The data which overlaps with integrated data exists. Objects integration data was not newly able to be created.	
8489	INSPECTION DATA SET AVGPOS ANGLE ERROR	The data that the angle was set up exists in select data. XY Coordinates Average cannot execute.	
8490	MAXIMUM NUMBER OF CHARACTERS EXCEEDED ERROR	Please make the file name of the board capture image within 20 characters.	

Ea : Application Error

No	Title	Message	Detail (Action)
8491	INSPECTION DATA SUPERSCRPTION CONFIRMATION	The inspection data already exists. Is the MASK SCAN executed? In that case, the inspection data is overwritten.	
8492	This board was interrupted during printing operation.	The board for which printing was interrupted was carried out. If a printing state is checked and it is satisfactory, please return a board to a exit conveyor and restart.	
8493	Printing was interrupted.	A restart will continue printing. There is a possibility that this board and the next board cannot be printed when resetting it.	
8494	The status of the machine is EMERGENCY STOP now.	Because the status of the machine is EMERGENCY STOP, shutdown processing cannot be continued. Please select the following action. If you want to continue the shutdown processing after the origin returning, please release the EMERGENCY STOP and select the "Yes". If you want to continue the shutdown processing without the origin returning, please select the "No". If you want to abort the shutdown processing, please select the "Cancel".	
8495	TURN OFF DANGER ERROR	There is danger that the board flap interfere other units when the machine was turned off at a current position. If you want to turn off the machine at a current position, please select the "OK". If you want to turn off the machine after the board flap is lowered, please select the "Cancel" and execute the following. 1. The board table is moved to the board transfer position. 2. The [Flap] button of the [Unit]-[Conveyor] screen is pushed, and the board flap is lowered.	
8497	INSPECTION DATA SET SIZE AVERAGE ANGLE ERROR	The data that the angle was set up exists in select data. Size Average cannot execute.	
8498	Calculate distortion value of a screen mask.	The following parameters are moved to a mask distortion parameters. -Mask Offset X -Mask Offset Y -Mask Offset R	
8500	DATA CHECK ERROR	Mark type is not for fiducial.	
8501	DATA CHECK ERROR	Mark algorithm for pattern matching is not supported yet.	

Ea : Application Error

No	Title	Message	Detail (Action)
8502	DATA CHECK ERROR	Board mark number is out of range.	
8503	DATA CHECK ERROR	Mask mark number is out of range.	
8504	DATA CHECK ERROR	Automatic solder check function is not supported yet.	
8505	DATA CHECK ERROR	Squeegee length is out of range. (100 to 500mm) Please specify correct length from 100 to 500[mm].	
8506	DATA CHECK ERROR	Detach pattern number is out of range.	
8507	DATA CHECK ERROR	Squeegee speed is out of range. Please specify correct speed as follows Double Squeegee : 1 to 200[mm/sec] Enclosed Head : 1 to 100[mm/sec]	
8508	DATA CHECK ERROR	Print pressure is out of range. Please specify correct pressure from 0.01 to 200[N].	
8509	DATA CHECK ERROR	Gauze rolling number1 must not be zero.	
8510	DATA CHECK ERROR	Gauze rolling number2 must not be zero.	
8511	DATA CHECK ERROR	ZigZag stroke must be more than 0.1mm stroke.	
8512	DATA CHECK ERROR	Either Board Vacuum or Clamp setting must be use.	
8513	DATA CHECK ERROR	Detach speed is out of range. (0.1 to 20.0mm/sec).	
8514	DATA CHECK ERROR	Rolling Stroke must be less than Conveyor Plate width.	

Ea : Application Error

No	Title	Message	Detail (Action)
8515	DATA CHECK ERROR	Over Stroke must be less than Conveyor Plate width.	
8516	DATA CHECK ERROR	Squeegee escape position SZ&SY is out of Soft Limit.	
8517	DATA CHECK ERROR	Print position XYR is out of Soft Limit.	
8518	DATA CHECK ERROR	Table shunt height Z is out of Soft Limit.	
8519	DATA CHECK ERROR	Print table height Z is out of Soft Limit.	
8520	DATA CHECK ERROR	Detach action table height Z is out of Soft Limit.	
8521	DATA CHECK ERROR	Board convey in table height Z is out of Soft Limit.	
8522	DATA CHECK ERROR	Board table position XYR during Board fiducial recognition is out of Soft Limit.	
8523	DATA CHECK ERROR	Board table height Z during Board fiducial recognition is out of Soft Limit.	
8524	DATA CHECK ERROR	Board table position XYR during mask fiducial recognition is out of Soft Limit.	
8525	DATA CHECK ERROR	Board table height Z during mask fiducial is out of Soft Limit.	
8526	DATA CHECK ERROR	Squeegee print height SZ is out of Soft Limit.	
8527	DATA CHECK ERROR	Squeegee print start position SY is out of Soft Limit.	
8528	DATA CHECK ERROR	Mask check table height Z is out of Soft Limit.	

Ea : Application Error

No	Title	Message	Detail (Action)
8529	DATA CHECK ERROR	Mask check table position XYR is out of Soft Limit.	
8530	DATA CHECK ERROR	Cleaner connect table position Y is out of Soft Limit.	
8531	DATA CHECK ERROR	Cleaning start table position Y is out of Soft Limit.	
8532	DATA CHECK ERROR	Cleaning turn table position Y is out of Soft Limit.	
8533	DATA CHECK ERROR	Conveyor width is out of Soft Limit.	
8534	DATA CHECK ERROR	Board carrying position XYZR is out of Soft Limit.	
8535	DATA CHECK ERROR	Servo pushup lower height PU is out of Soft Limit.	
8536	DATA CHECK ERROR	Servo pushup fixed height PU is out of Soft Limit.	
8537	DATA CHECK ERROR	Illegal mask size is specified. The size is not available in this machine.	
8538	DATA CHECK ERROR	Inspection position XYZR is out of Soft Limit. Print Inspection View Data _XXXX	
8539	DATA CHECK ERROR	Print Inspection data Error Object area of object data hasn't been set up. Print Inspection Object Data _XXXX	
8540	DATA CHECK ERROR	Print Inspection data Error Object size of object data hasn't been set up. Print Inspection Object Data _XXXX	
8541	DATA CHECK ERROR	Print Inspection data Error Object window size of object data hasn't been set up. Print Inspection Object Data _XXXX	
8542	DATA CHECK ERROR	Print Inspection data Error Recognition object of object data is outside window. Print Inspection Object Data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
8543	DATA CHECK ERROR	Print Inspection data Error Recognition object of object data is outside view. Print Inspection Object Data _XXXX Print Inspection View Data _XXXX	
8544	DATA CHECK ERROR	Print Inspection data Error Object data which cope with view data don't exist. Print Inspection View Data _XXXX	
8545	DATA CHECK ERROR	Print Inspection data Error Light unit level of view data hasn't been set up. Print Inspection View Data _XXXX	
8546	DATA CHECK ERROR	Cleaning interval should have following relationship. [Dry Auto] < [Wet Auto] < [Manual]	
8547	DATA CHECK ERROR	Specification of Fiducial number or "Mark Type" in mark data specified from the fiducial is not correct.	
8548	PLEASE CHECK FOR ANY ILLEGAL RUNNING CONDITION	Check followings. If all OK, please continue. Alignment should be [UseAlign]. PrintFeedback should be [Use]. Board Inspection JudgeMode should be [Normal Judge] or [Normal Judge & Exit Judge].	
8549	DATA CHECK ERROR	Squeegee speed for filling adjustment is out of range. Please specify correct speed as follows Double Squeegee : 1 to 200[mm/sec] Enclosed Head : 1 to 100[mm/sec]	
8550	DATA CHECK ERROR	Print pressure for filling adjustment is out of range. Please specify correct pressure from 10 to 200[N].	
8551	DATA CHECK ERROR	Board fiducial position is repeated.	
8552	DATA CHECK ERROR	Mask fiducial position is repeated.	
8553	DATA CHECK ERROR	When production starts under specified dry cleaner data, the cleaner blower motor may overheat. Working duty of blower motor = _XXXX Percent Please change followings. (1) Increase "Dry Auto Interval". (2) Decrease "Dry Auto Repeat". (2) Increase "Dry Auto Speed".	

Ea : Application Error

No	Title	Message	Detail (Action)
8554	DATA CHECK ERROR	<p>When production starts under specified wet cleaner data, the cleaner blower motor may overheat. Working duty of blower motor = _XXXX Percent Please change followings.</p> <p>(1) Increase "Wet Auto Interval". (2) Decrease "Wet Auto Repeat". (2) Increase "Wet Auto Speed".</p>	
8555	DATA CHECK ERROR	<p>Print inspection function is specified to work. But all parameter of inspection execution for following conditions.</p> <p>(1) Normal (All Board) (2) Normal (Interval) (3) After Dry Auto Cleaning (4) After Wet Auto Cleaning (5) After Manual Auto Cleaning</p>	
8556	DATA CHECK ERROR	<p>Print inspection is specified to work for all Board. But all object are specified not to work for all Board on current "Inspection Execution Specification". Check "Inspection Execution Specification" for all Board and "Execution Specification Number" of object data.</p>	
8557	DATA CHECK ERROR	<p>Print inspection is specified to work for interval Board. But all object are specified not to work for interval Board on current "Inspection Execution Specification". Check "Inspection Execution Specification" for interval Board and "Execution Specification Number" of object data.</p>	
8558	DATA CHECK ERROR	<p>Print inspection is specified to work after dry auto cleaning. But all object are specified not to work after dry auto cleaning on current "Inspection Execution Specification". Check "Inspection Execution Specification" for dry cleaning and "Execution Specification Number" of object data.</p>	
8559	DATA CHECK ERROR	<p>Print inspection is specified to work after wet auto cleaning. But all object are specified not to work after wet auto cleaning on current "Inspection Execution Specification". Check "Inspection Execution Specification" for wet cleaning and "Execution Specification Number" of object data.</p>	
8560	DATA CHECK ERROR	<p>Print inspection is specified to work after manual cleaning. But all object are specified not to work after manual cleaning on current "Inspection Execution Specification". Check "Inspection Execution Specification" for manual cleaning and "Execution Specification Number" of object data.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
8563	DATA CHECK ERROR	Mask Inspection position XYR is out of Soft Limit. Mask Inspection View Data _XXXX	
8564	DATA CHECK ERROR	Mask Inspection height Z is out of Soft Limit. Mask Inspection View Data _XXXX	
8565	DATA CHECK ERROR	Mask Inspection data Error Object area of object data hasn't been set up. Mask Inspection Object Data _XXXX	
8566	DATA CHECK ERROR	Mask Inspection data Error Object size of object data hasn't been set up. Mask Inspection Object Data _XXXX	
8567	DATA CHECK ERROR	Mask Inspection data Error Object window size of object data hasn't been set up. Mask Inspection Object Data _XXXX	
8568	DATA CHECK ERROR	Mask Inspection data Error Recognition object of object data is outside window. Mask Inspection Object Data _XXXX	
8569	DATA CHECK ERROR	Mask Inspection data Error Recognition object of object data is outside view. Mask Inspection Object Data _XXXX Mask Inspection View Data _XXXX	
8570	DATA CHECK ERROR	Mask Inspection data Error Object data which cope with view data don't exist. Mask Inspection View Data _XXXX	
8571	DATA CHECK ERROR	Mask Inspection data Error Light unit level of view data hasn't been set up. Mask Inspection View Data _XXXX	
8572	DATA CHECK ERROR	Mask inspection function is specified to work. But all parameter of inspection execution for following conditions. (1) After Dry Auto Cleaning (2) After Wet Auto Cleaning (3) After Manual Auto Cleaning	
8573	DATA CHECK ERROR	Mask inspection is specified to work after dry auto cleaning. But all object are specified not to work after dry auto cleaning on current "Inspection Execution Specification". Check "Inspection Execution Specification" for dry cleaning and "Execution Specification Number" of object data.	

Ea : Application Error

No	Title	Message	Detail (Action)
8574	DATA CHECK ERROR	Mask inspection is specified to work after wet auto cleaning. But all object are specified not to work after wet auto cleaning on current "Inspection Execution Specification". Check "Inspection Execution Specification" for wet cleaning and "Execution Specification Number" of object data.	
8575	DATA CHECK ERROR	Mask inspection is specified to work after manual cleaning. But all object are specified not to work after manual cleaning on current "Inspection Execution Specification". Check "Inspection Execution Specification" for manual cleaning and "Execution Specification Number" of object data.	
8576	DATA CHECK ERROR	Local fiducial is specified to work but Board fiducial is specified not to work. Local fiducial function requires execution of Board fiducial.	
8577	DATA CHECK ERROR	Board table position XYR during local fiducial recognition is out of Soft Limit.	
8578	DATA CHECK ERROR	Squeeze stroke in print action is not correct. Please check "Rolling Stroke", "Over Stroke", "F. Start Offset", "B. Start Offset".	
8579	DATA CHECK ERROR	"Fiducial Position" is specified to "Board&Mask Common". But the parameters in fiducial setting are different between Board and Mask. Please check the following parameters. (1) Coordinates of Fiducial Position (2) Fiducial Type (3) Datum Position	
8580	DATA CHECK ERROR	When production starts under specified detail cleaning data, the cleaner blower motor may overheat. Working duty of blower motor = _XXXX Percent Please change followings. (1) Increase "Auto Interval". (2) Decrease "Auto Repeat". (3) Increase "Dry Auto Speed". (4) Increase "Wet Auto Speed".	
8581	DATA CHECK ERROR	Squeegee speed for Feedback Print is out of range. Please specify correct speed as follows Double Squeegee : 1 to 200[mm/sec] Enclosed Head : 1 to 100[mm/sec]	

Ea : Application Error

No	Title	Message	Detail (Action)
8582	DATA CHECK ERROR	Print pressure for Feedback Print is out of range. Please specify correct pressure from 0.01 to 200[N].	
8584	DATA CHECK ERROR	Printing or Cleaning Feedback is specified to "Exec". But the data for feedback does not exist. Please create the data for feedback or repeal Feedback Function.	
8585	DATA CHECK ERROR	Mask Standard Position which is specified isn't supported. According to the conveyer standard side, please set it to the following Mask Standard Position. A) For "Front side" (1) Front (2) Center B) For "Rear side" (1) Center (2) Rear	
8586	DATA CHECK ERROR	Distance From Printing Height of Squeegee Detail is out of range. Please set the following values. 0 From 0.01 to _XXXX (mm)	
8587	SQUEEGEE I/O BOARD DATA READ ERROR	Failed to read Loadcell data from Squeegee I/O Board.	
8588	SQUEEGEE I/O BOARD DATA READ ERROR	The parameter of Loadcell in machine data is different from the data of Loadcell in Squeegee I/O Board. Please readjust the parameter of Loadcell. The data of Loadcell in Squeegee I/O Board: _XXXX Zero Lv.[_XXXX] Gain+[_XXXX] Gain-[_XXXX]	
8589	SQUEEGEE I/O BOARD DATACHECK ERROR	The parameter of Loadcell in machine data is different from the data of Loadcell in Squeegee I/O Board. Please readjust the parameter of Loadcell. The data of Loadcell in Squeegee I/O Board: _XXXX Zero Lv.[_XXXX] Gain+[_XXXX] Gain-[_XXXX] _XXXX Zero Lv.[_XXXX] Gain+[_XXXX] Gain-[_XXXX]	
8590	BOARD TABLE PRINT HIGHT ERROR	The print action cannot be executed because the board table is not in the print height. Please confirm the state of the board table and the board. Please restart Auto-Running after Reset.	
8591	DATA CHECK ERROR	If PU axis has been selected detach axis, Board Clamp cannot be used.	

Ea : Application Error

No	Title	Message	Detail (Action)
8592	DATA CHECK ERROR	Print inspection is specified to work after sizuri. But all object are specified not to work after sizuri on current "Inspection Execution Specification". Check "Inspection Execution Specification" for sizuri and "Execution Specification Number" of object data.	
8593	DATA CHECK ERROR	Print inspection is specified to work for sizuri less (Filling adjust). But all object are specified not to work for sizuri less B on current "Inspection Execution Specification". Check "Inspection Execution Specification" for sizuri less and "Execution Specification Number" of object data.	
8594	DATA CHECK ERROR	[Real PCB inspection sizuri Less] is set to [Auto Inspection] in VmSpec. However, the setting of data is not correct. Please confirm data. [SizuriFirstCheck] must be set to [NotUse]. [FillingAdjust(Manual)] must be set to [Use].	
8599	DATA CHECK ERROR	In 'Controlled in the Board' cleaning, each auto cleaning interval and manual cleaning interval must satisfy following magnitude relation. Dry Auto Interval < Wet Auto Interval < 'Controlled in the Board 1' Detail Auto Interval < 'Controlled in the Board 2' Detail Auto Interval < 'Controlled in the Board 3' Detail Auto Interval < 'Controlled in the Board 4' Detail Auto Interval < Manual Interval	
8600	[Vacuum Check] Confirmation	[Vacuum Check] is specified to [IgnoreErr]. When recognition error for the fiducial mark occurs, the machine continues printing without fiducial correction.	
8601	"Demo." button is pressed down.	So print pressure feedback is not executed.	
8602	"No Vision" and "Demo." button is pressed down:	- fiducial recognition will not be executed. - print pressure feedback will not be executed.	
8603	Conveyor width changes.	Please be careful.	
8604	Remove Board on the conveyor.	Remove Board on the conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8605	Printing action starts.	Please be careful.	
8606	Squeegee head moves.	Please be careful.	
8607	Board table moves.	Please be careful.	
8608	Please clean the mask manually.	After cleaning please release "EMERGENCY STOP" and press below button.	
8609	Cleaner moves back.	Please be careful.	
8610	Please clean the mask manually.	Please clean the mask manually.	
8612	Cleaning action starts.	Please be careful.	
8619	Cleaner is not fixed.	Do you put it back?	
8621	Board is not fixed.	Do you want to fix the Board?	
8622	Enclosed squeegee head moves up.	Please be careful.	
8624	Fiducial recognition starts.	Please be careful.	
8627	Please release "EMERGENCY STOP".	Please release "EMERGENCY STOP".	
8628	Mask is not clamped.	Do you want to clamp the mask?	
8629	Mismatch of detected mask size.	Possible causes: (1) Detected mask has mismatch size specified in Board data. (2) Mask positioner pin is not set correctly.	

Ea : Application Error

No	Title	Message	Detail (Action)
8630	Supply Board on entrance of the conveyer.	Supply Board on entrance of the conveyer.	
8637	CLEANING INTERVAL TIME	Specified interval time have passed.	
8638	END OF JOB	Please press "START" button to restart auto running.	
8639	Board table and squeegee head move.	Please be careful.	
8640	Cleaner is not fixed.	Cleaner is not fixed.	
8641	Cleaner is connected with Board table.	Connection is being released.	
8646	Remove Board on the upper buffer conveyor.	Remove Board on the upper buffer conveyor.	
8647	Remove Board on the lower buffer conveyor.	Remove Board on the lower buffer conveyor.	
8650	Insufficient disk space left.	There is no more HDD-space for saving inspection result. Data can't be saved any more until more disk space is made available: 1.(Archive and) delete old inspection results. 2.Select another drive to save data to.	
8651	Drive not ready.	The drive to which an inspection result must be saved is not ready. Possible causes are: 1.A floppy disk is not inserted. 2.A network is not connected. 3.No access right for writing data.	
8659	Print Inspection starts.	Please be careful.	
8661	<<< WARNING >>>	If the enclosed squeegee head attaches on the mask and is filled by solder, please press "CANCEL" button. In this case please use "SHAKE OFF" button to move the squeegee head up. If you want to enforce it, press "OK" button.	

Ea : Application Error

No	Title	Message	Detail (Action)
8663	<<< WARNING >>>	Current angle of Board table is not good for teaching. Position teaching has failed. Do you want to adjust the angle?	
8669	Please supply solder.	Enclosed Head is running out of solder.	
8674	"Mask Offset" parameter will change	If you change "Board Distortion" parameter, "Mask Offset" parameter will change to keep print position.	
8689	SOLDER ABANDONMENT WARNING	Specified interval time have passed, since the last PCB was printed. Please discard solder.	
8693	WARNING OF FEEDBACK PRINTING	Feedback Printing function will be executed. Please press "YES" button to restart. If you want to judge again, press "NO" button.	
8694	WARNING OF FEEDBACK CLEANING	Feedback Cleaning function will be executed. Please press "YES" button to restart. If you want to judge again, press "NO" button.	
8696	Release "EMERGENCY STOP" and press READY button.	When the "EMERGENCY STOP" is not released and the cancel button is pressed,the "EMERGENCY STOP" is canceled and any subsequent movement of the X Y R axis can cause damage to the mask when the board table is not lowered first.	
8697	Filling solder of Enclosed Head start	Please set solder cassette in Enclosed Head.	
8698	Calculating the correction data of fiducial...	Calculating the correction data of fiducial...	
8700	INSPECTION DATA ERROR	Object data couldn't be transferred to the vision system. Object Data _XXXX	
8701	PRINT INSPECTION DATA ERROR	View data couldn't be transferred to the vision system. Print Inspection View Data _XXXX	
8702	PRINT INSPECTION DATA ERROR	The data number of the object data is unusual. Print Inspection Object Data _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
8703	PRINT INSPECTION DATA ERROR	The data number of the view data is unusual. Print Inspection View Data _XXXX	
8704	PRINT INSPECTION DATA ERROR	Object data don't exist. Print Inspection Object Data _XXXX	
8705	PRINT INSPECTION DATA ERROR	View data don't exist. Print Inspection View Data _XXXX	
8706	PRINT INSPECTION DATA ERROR	Object data is Skip data. Print Inspection Object Data _XXXX	
8707	PRINT INSPECTION DATA ERROR	View data is Skip data. Print Inspection View Data _XXXX	
8708	PRINT INSPECTION VISION ERROR	Vision recognition didn't work normally. Error Detail No. _XXXX Vision Detail No. _XXXX	
8709	PRINT INSPECTION VISION ERROR	Inspection result couldn't be acquired from the vision system. Error Detail No. _XXXX Vision Detail No. _XXXX	
8710	INSPECTION DATA ERROR	Total number of the object data couldn't be transferred to the vision system.	
8711	PRINT INSPECTION DATA ERROR	Total number of the view data couldn't be transferred to the vision system.	
8712	NG RESULT IN PRINT INSPECTION	NG result occurs during Board inspection. Print Inspection View Data _XXXX	
8713	NG RESULT IN PRINT INSPECTION	NG result occurs in inspection for carried Board. Pick up the Board. If you want it to carry out to the next machine, put it back as before.	
8714	NG RESULT IN PRINT INSPECTION	NG result occurs in inspection for carried Board.	
8715	PRINT INSPECTION DATA ERROR	Inspection Execution Level couldn't be transferred to the vision system.	

Ea : Application Error

No	Title	Message	Detail (Action)
8716	NG RESULT IN PRINT INSPECTION	<p>NG result occurs in printed board inspection. Please judge "OK" or "NG" for each view on the window which will appear after closing of this error window.</p> <p>If you will judge all view as "OK", the board will be unloaded to the next machine.</p> <p>If you will judge as "NG", the board will stop at the board remove position. Please check it directly and judge again.</p>	
8717	NG RESULT IN PRINT INSPECTION	<p>NG result occurs in Board inspection for the Board carried out to exit of the conveyor or to lower buffer conveyor. Please check the Board directly and judge "OK" or "NG" for each view.</p> <p>If you will judge all view as "OK", the Board will be unloaded to the next machine. If you will judge as "NG", please remove the Board.</p>	
8718	NG RESULT IN PRINT INSPECTION	<p>NG result occurs in board inspection for the board carried out to the board remove position. Please check the board directly and judge "OK" or "NG" for each view.</p>	
8719	NG RESULT IN PRINT INSPECTION	<p>NG result occurs in board inspection for the board carried out to the board remove position. Please remove the board.</p>	
8720	Please remove the Board.	<p>NG result occurs in Board inspection for the Board carried out to exit of the conveyor or to lower buffer conveyor.</p>	
8721	FAILED TO COPY IMAGE	Failed to copy image of Board inspection.	
8722	INSPECTION OBJECT DATA OVERFLOW	Overflow of inspection object data occurred.	
8723	PRINT INSPECTION VIEW DATA OVERFLOW	Overflow of print inspection object data occurred.	
8724	MASK INSPECTION VIEW DATA OVERFLOW	Overflow of mask inspection object data occurred.	

Ea : Application Error

No	Title	Message	Detail (Action)
8725	NG RESULT IN PRINT INSPECTION	<p>NG result occurs in printed board inspection. Please judge "OK" or "NG" for each view on the window which will appear after closing of this error window.</p> <p>If you will judge all view as "OK", the board will be unloaded to the next machine.</p> <p>If you will judge as "NG", the board will stop at the board remove position. Please check it directly and judge again.</p>	
8726	PRINT INSPECTION VISION ERROR	The correction of the board R direction couldn't be transferred to the vision system.	
8727	PRINT INSPECTION DATA ERROR	It failed to sort the object data.	
8750	MASK INSPECTION DATA ERROR	Object data couldn't be transferred to the vision system. Mask Inspection Object Data _XXXX	
8751	MASK INSPECTION DATA ERROR	View data couldn't be transferred to the vision system. Mask Inspection View Data _XXXX	
8752	MASK INSPECTION DATA ERROR	The data number of the object data is unusual. Mask Inspection Object Data _XXXX	
8753	MASK INSPECTION DATA ERROR	The data number of the view data is unusual. Mask Inspection View Data _XXXX	
8754	MASK INSPECTION DATA ERROR	Object data don't exist. Mask Inspection Object Data _XXXX	
8755	MASK INSPECTION DATA ERROR	View data don't exist. Mask Inspection View Data _XXXX	
8756	MASK INSPECTION DATA ERROR	Object data is Skip data. Mask Inspection Object Data _XXXX	
8757	MASK INSPECTION DATA ERROR	View data is Skip data. Mask Inspection View Data _XXXX	
8758	MASK INSPECTION VISION ERROR	Vision recognition didn't work normally.	
8759	MASK INSPECTION VISION ERROR	Inspection result couldn't be acquired from the vision system.	

Ea : Application Error

No	Title	Message	Detail (Action)
8760	MASK INSPECTION DATA ERROR	Total number of the object data couldn't be transferred to the vision system.	
8761	MASK INSPECTION DATA ERROR	Total number of the view data couldn't be transferred to the vision system.	
8763	NG RESULT IN MASK INSPECTION	NG result occurs mask inspection.	
8764	NG RESULT IN PRINT INSPECTION	NG result occurs in Board inspection for the Board carried out to exit. Please check the Board directly and judge "OK" or "NG" for each view.	
8765	NG RESULT IN PRINT INSPECTION	NG result occurs in Board inspection for the Board carried out to exit.	
8766	FEEDBACK PRINTING TRIGGER	As the result of measurement for each object, the average of area ratio was smaller than the trigger level for Feedback Printing. Average of Area Ratio = _XXXX	
8767	FEEDBACK CLEANING TRIGGER	As the result of measurement for each object, the average of area ratio was bigger than the trigger level for Feedback Cleaning. Average of Area Ratio = _XXXX	
8768	FEEDBACK PRINTING FAILURE	As the result of Feedback Printing, the average of area ratio was smaller than the trigger level for Feedback Printing. Average of Area Ratio = _XXXX	
8769	PLEASE REMOVE BOARD	The Board carried out to exit of the conveyor or to downstream buffer conveyor was failed to execute Feedback Printing.	
8770	FEEDBACK PRINTING FAILURE	The Board carried out to exit was failed to execute Feedback Printing.	
8771	FEEDBACK PRINTINT FAILURE	As the result of Feedback Printing, the minimum area ratio was smaller than the trigger level for Feedback Printing. Minimum Area Ratio = _XXXX Index = _XXXX	
8772	FEEDBACK PRINTINT TRIGER	As the result of measurement for each object, the minimum area ratio was smaller than the trigger level for Feedback Printing. Minimum Area Ratio = _XXXX Index = _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
8773	FEEDBACK CLEANING TRIGGER	As the result of measurement for each object, the minimum area ratio was bigger than the trigger level for Feedback Cleaning. Minimum Area Ratio = _XXXX Index = _XXXX	
8776	Board size was changed.	Board size X or board size Y was changed. There is a possibility that the print gap or the inspection misregistration is generated when board size X/Y is changed with either of the following conditions filled. [Board Standard Position] and [Mask Standard Position] are different for [Board&Mask Common] individual designation. [Board Standard Position] and the [Inspection Datum Position] are different. Please execute the test print and the test inspection, and confirm the state of the board. Please execute the following when the print gap or the inspection misregistration is generated. [Board Standard Position] is arranged to [Mask Standard Position] for [Board&Mask Common] individual designation. [Board Standard Position] is arranged to the [Inspection Datum Position].	
8780	MASK SCAN VISION ERROR	Recognition parameter couldn't be transferred to the vision system.	
8781	MASK SCAN VISION ERROR	The result of mask scan couldn't be cleared.	
8782	MASK SCAN VISION ERROR	Vision recognition didn't work normally.	
8783	MASK SCAN VISION ERROR	Vision recognition didn't work normally.	
8784	Object Data Overflowed	Object data that is created by mask scan overflowed. Please delete unnecessary object data, and execute scan again.	
8785	MASK SCAN VISION ERROR	The total number of object data couldn't be received from the vision system.	
8786	MASK SCAN VISION ERROR	The result of mask scan couldn't be received from the vision system.	
8787	MASK SCAN VIEW DATA OVERFLOW	Overflow of view data because specified area of mask scan is too big. Please specify smaller area and retry again.	

Ea : Application Error

No	Title	Message	Detail (Action)
8788	SOFT LIMIT OVER OF MASK SCAN POSITION.	Mask scan position is out of Soft Limit. Please change the range of mask scan.	
8800	DATABASE ERROR	Machine cannot set Mark data, because Mark type is not "fiducial" Database No. _XXXX	
8810	DATA CHECK ERROR	Print Inspection data Error View data which cope with object data don't exist. Print Inspection Object Data _XXXX Print Inspection View Data _XXXX	
8811	DATA CHECK ERROR	Mask Inspection data Error View data which cope with object data don't exist. Mask Inspection Object Data _XXXX Mask Inspection View Data _XXXX	
8812	DATA CHECK ERROR	The set board size Y is over the maximum board size Y of the mask. Please change the correct board size Y or set the correct size of the mask.	
8813	DATA CHECK ERROR	Squeegee turn position SY after printing is out of soft limit. Please change value of following setting items. 1. Reduce [Print] - [Squeegee] - [Over Stroke]. 2. Enlarge [Print] - [Squeegee] - [F. Start Offset] or [B. Start Offset].	
8814	DATA CHECK ERROR	There is danger that squeegee interfere to mask clamp unit, after backward printing. Please change value of following setting items. 1. Reduce [Print] - [Squeegee] - [Over Stroke]. 2. Enlarge [Print] - [Squeegee] - [F. Start Offset].	
8815	DATA CHECK ERROR	Although the board may be carried out to lane 2, the set board size Y is over the maximum board size Y that can be carried out to lane 2. Please change the correct board size Y or set the "Lane 1" to the "Carry out Lane Setting".	
8816	DATA CHECK WARNING	In the [Print] - [Cleaner] - [Detail Setting] the 'Cleaning Type' is set to 'Wet' and 'Vacuum' is set to 'Use'. The solvent soaked into the cleaning paper dries, if the wet cleaning with the vacuum is executed. In this case, if the 'Cleaning Type' is set to 'Wet', please set 'Vacuum' to 'Not Use'.	

Ea : Application Error

No	Title	Message	Detail (Action)
8819	Check for running conditions	This board data has invalid settings to start auto-running. Please modify the settings as follows. Alignment: [UseAlign] Print Feedback: [Use] Judgment Mode: [Normal Judge] or [Normal & Visual Judge]	
8820	BOARD TRANSFER TIMEOUT ERROR	Failed to load the board from previous machine to upper conveyor. There is possibility that the board exists on the upper conveyor, or on the exit of the previous machine's conveyor. Please check the upper conveyor and remove the board.	
8821	BOARD TRANSFER TIMEOUT ERROR	Failed to load the board from wait position to print position. There is possibility that the board exists on the upper conveyor, or main conveyor. Please check the upper conveyor and the main conveyor.	
8822	BOARD TRANSFER TIMEOUT	Failed to transfer a board from the printing position to the exit. Board can stay between the main conveyor and the lower conveyor.	
8823	BOARD TRANSFER TIMEOUT	Failed to transfer a board from the exit to the next machine. Board can stay between the lower conveyor and the entrance of the next machine. Please remove the board.	
8824	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. -- Waiting	
8825	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. -- Printing	
8826	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	

Ea : Application Error

No	Title	Message	Detail (Action)
8827	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8828	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8829	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8830	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8831	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8832	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8833	BOARD TRANSFER ERROR	Unexpected board found. Remove the board on the following position. --	
8834	BOARD TRANSFER ERROR	The main stopper didn't reach to board fix position. Please check that the board release action is completed, and restart auto running.	

Ea : Application Error

No	Title	Message	Detail (Action)
8835	BOARD TRANSFER ERROR	Failed to load the board, because the main stopper didn't reach to the waiting position. Please remove the board when the position of the following board detect sensors is confirmed, and the board exists. (1) Entrance of the main conveyor (2) Exit of the main conveyor	
8836	BOARD TRANSFER TIMEOUT ERROR	The board fix action didn't finish before recognition of the board fiducial mark. Please check the following actions. - The moving of push-up plate to upward. - The moving of edge clamp. - The moving of flaps. - The moving of main stopper. If the board vacuum unit is used on the machine, please check vacuum pressure.	
8842	Unknown board is detected at the Printing position sensor	Unknown board is detected at the Printing position. There is a board at the Printing position, without going through the Waiting position. Please confirm as followings and execute running again. - Execute reset, and confirm the board sensor condition at the Printing position. - Return the board to entrance position, and fix the board after carrying in. - If Board ID is used, please move the Board ID to current board position or move to the current board to the Board ID position	
8843	Carry Out Lane Setting Error	This "Carry Out Lane Setting" cannot produce. Lane 1 : _XXXX Lane 2 : _XXXX When the board is produced with multiple lane, please set "Free" in "Carry Out Lane Setting".	
8844	Fix Unit Moving Error	The fix unit cannot move because a board is existing at the wait position. Please operate again after the following procedure. 1. Stop all lane. 2. Push EMERGENCY STOP button. 3. Remove the board of wait position.	
8845	Remove the board on the conveyor	You can't supply a printed board now, because the other one is still on the conveyor. When you need to supply a printed board, please execute one of the following operations. Measures method 1: Please start auto-running, and wait the all board carried out. Measures method 2: Please push [Setup] - [Utility] - [Print Board Convey Out] after reset the machine and remove the boards on conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8846	Please start auto-running	If you start auto-running, the supplied board will be carried out.	
8847	Confirm Lane Select Switch State	<p>In the case that either of the following settings is "1", auto-running on the both lanes is forbidden.</p> <p>[Setting] - [Machin Data] - [Mechanical] - [Transfer Position] - [Carry In Lane Amount]</p> <p>[Setting] - [Machin Data] - [Mechanical] - [Transfer Position] - [Carry Out Lane Amount]</p> <p>Please turn "Lane Select Switch" to "1" or "2", and restart auto-running.</p>	
8848	UNPRINTED WARNING	<p>Unprinted warning.</p> <p>Cause : There is a possibility of unprinted, carry out was stopped.</p> <p>Measure : (1) Please RESET button and push the START button. Retry printing. (2) Please check printing state after carry out.</p>	
8849	Unknown board is detected at the wait position sensor	<p>Unknown board is detected at the wait position sensor.</p> <p>Measures method 1: If you supply the board to print now, please push [Unit] - [Conveyor] - [Convey In].</p> <p>Measures method 2: If you supply the printed board, please push [Setup] - [Utility] - [Print Board Convey Out] after remove the board.</p>	
8850	Unknown board is detected at the wait position sensor	<p>Unknown board is detected at the wait position sensor.</p> <p>Please remove the board detected at the wait position sensor, and restart auto running.</p>	
8852	AUTO RUNNING ONLY SINGLE LANE	<p>Auto running is started only single lane.</p> <p>Auto running of another lane is not started.</p> <p>If you continue auto running of another lane, please start auto running.</p>	
8901	Supply Board on exit of the conveyer.	Supply Board on exit of the conveyer.	
8902	Remove Board on the upper conveyor.	Remove Board on the upper conveyor.	
8903	Remove Board on the lower conveyor.	Remove Board on the lower conveyor.	

Ea : Application Error

No	Title	Message	Detail (Action)
8909	Mask is not clamped.	Please clamp the mask.	
8910	Board Table Y-axis Target Is Out Of Range	The camera cannot be moved, because board table Y-axis target position is out of movement range. Please specify the position inside board area.	
8916	There is a possibility that print cycle time will be spent much more.	<p>There is a possibility that print cycle time will be spent much more by occasion of the following.</p> <p>1. The every solder supply action is executed after the forward printing.</p> <p>2. "One Way" is set together to "Round" in the setting of all "One Way / Round".</p> <p>Or, the print was begun from the forward though the setting of all "One Way / Round" was set to "Round".</p> <p>If you want to continue the auto-running, please select "Yes".</p> <p>If you don't want to continue the auto-running, please select "No", and please execute the following.</p> <p>1. Please set "One Way" or "Round" to all the "One Way / Round" setting.</p> <p>2. If the setting of all "One Way / Round" is set to "Round", please begin the auto-running from backward printing.</p> <p>- Please execute the rolling in [Setup]-[Setup], and stop after forward printing.</p> <p>- Once, please set "One Way" to the "One Way / Round" setting in Succeeded in scanning.</p>	
8918	Succeeded in scanning.	Scan Result: _XXXX mm	
8919	Supply Board on wait position of the conveyer.	Supply Board on wait position of the conveyer.	
8920	MASK ADAPTER INTERFERE INTERLOCK	The Mask Adaptor and the Conveyer might interfere when the moving table is raised straight. Please confirm the following.	
8921	CLEANER INTERFERE INTERLOCK	The mask plate in near side or the Mask Adaptor and the Cleaning Unit might interfere when the moving table is raised straight. Please confirm the following.	

Ea : Application Error

No	Title	Message	Detail (Action)
8922	MASK ADAPTER INTERFERE INTERLOCK	The Mask Adaptor and the Conveyer might interfere when the moving table is raised straight. Please confirm the following.	
8923	INSPECTION CAMERA LIGHT FAN ALARM INTERLOCK	The cooler fan of the print inspection camera light was detected not operating. The temperature of the print inspection camera light rises, and there is a possibility of damaging it. Please operate the cooler fan normally by exchanging the cooler fan.	
8924	MAIN STOPPER INTERLOCK	MS axis cannot move, because the main stopper is not down and back. <Coping process> Please down the main stopper, and back. <Cause> 1. MAIN STOPPER BACK END sensor is OFF. 2. MAIN STOPPER LOWEND sensor is OFF.	
8925	Detected Unusual Control Axis	The software detects the unusual axis control. Please clear this message and restart the operation. If this error occurs frequently, please consult your distributor for further information with this error number.	
8926	Target Coordinates Are Unusual	The software failed to control of the printing table moving. The target coordinates is over the limit of machine. Please clear this message and restart the operation. If this error occurs frequently, please consult your distributor for further information with this error number.	
8927	Failed To Move The Printing Table	The software failed to control of the printing table moving. Please clear this message and restart the operation. If this error occurs frequently, please consult your distributor for further information with this error number.	
8928	DATA CHECK ERRO	This machine is not supported Mask Standard Position "Rear". Please set it to the following Mask Standard Position. (1) Front (2) Center	

Ea : Application Error

No	Title	Message	Detail (Action)
8929	CLEANING HEAD UP DANGEROUS ERROR	Cleaning head is not able to up. Please move the PCB table to the position in which the cleaning head is able to up.	
8930	MAIN STOPPER FORE INTERLOCK	Failed to move main stopper forward, because the obstacle has been detected. Please move to the board fix position.	
8931	BOARD TABLE UP INTERLOCK	Cannot up the board table because the difference of axis X1 and axis X2 is beyond 'X1-X2 Axis Dif Limit'.	
8932	Cannot servo-on because blower motor is running	Cannot servo-on because blower motor is running. Stop blower motor and push 'READY' button again.	
8933	DATA CHECK ERROR	Squeegee escape position SZ, SY and SR is out of Soft Limit.	
8934	PSC UNIT INTERFERE INTERLOCK	The PSC unit might collide with the mask clamp unit of front side when the FX Axis of PSC unit is moved straight. Please move the SY Axis to safety position in which PSC unit doesn't collide with the mask clamp unit of front side, before FX Axis move.	
8935	PSC UNIT INTERFERE INTERLOCK	The PSC unit might collide with the squeegee when the FX Axis of PSC unit is moved straight. Please move the SR Axis to safety position in which PSC unit doesn't collide with the squeegee, before FX Axis move.	
8936	PSC UNIT INTERFERE INTERLOCK	The PSC unit might collide with the mask clamp unit of front side when the SY Axis is moved straight. Please move the FX Axis of PSC unit to center position, before SY Axis move.	
8937	PSC UNIT INTERFERE INTERLOCK	The squeegee might collide with the PSC unit when the SR Axis is moved straight. Please move the FX Axis of PSC unit to center position, before SR Axis move.	
8938	SOLDER CUTTER CLOSE INTERLOCK	The solder cutter is closed when the FP Axis is moved. Please open the solder cutter, before FP Axis move.	
8939	SOLDER CUTTER CLOSE IS PROHIBITED	Closing the solder cutter is prohibited when solder is being supplied. Please first stop the solder supply, before closing the solder cutter.	

Ea : Application Error

No	Title	Message	Detail (Action)
8940	SOLDER SUPPLY IS PROHIBITED	Supplying the solder is prohibited when solder cutter is being closed. Please first open the solder cutter, before supplying the solder.	
8941	UNABLE TO MOVE U-AXIS WITH A BOARD ON EXIT	U-Axis is not enable to move, because a Board is detected in while board table and exit conveyor.	
8942	UNABLE TO MOVE U-AXIS WITH A BOARD ON EXIT	U-Axis is not enable to move, because there is a board detected between the lower conveyor exit and lower machine.	
8950	SOLDER NOT SETUP ERROR	Please setup the solder cartridge. After this message is cleared, the squeegee head moves to front side.	
8951	SOLDER REMAINING AMOUNT DEFICIENCY	The remaining solder amount in the solder cartridge is deficient. The remaining solder is supplied. After the solder supply is completed, please exchange the new solder cartridge and execute it again.	
8952	FAILED TO RETURN TO ORIGIN FOR FP-AXIS	Because the solder cartridge is attached, the FP-axis cannot be returned to origin. Please remove the solder cartridge, and execute it again.	
8953	DATA CHECK ERROR	The settings of [Print] - [Board] - [Board Size X], [Board Size Y] of board 1 and board 2 are different. Please change [Board Size X], [Board Size Y] of board 1 and board 2 to the same setting.	
8954	DATA CHECK ERROR	The settings of [Print] - [Board] - [Solder Name] of board 1 and board 2 are different. Please change [Solder Name] of board 1 and board 2 to the same setting.	
8955	DATA CHECK ERROR	The settings of [Print] - [Board] - [Alignment] of board 1 and board 2 are different. Please change [Alignment] of board 1 and board 2 to the same setting.	
8956	DATA CHECK ERROR	The settings of [Print] - [Board] - [Print Feedback] of board 1 and board 2 are different. Please change [Print Feedback] of board 1 and board 2 to the same setting.	

Ea : Application Error

No	Title	Message	Detail (Action)
8957	DATA CHECK ERROR	The settings of [Print] - [Board] - [Air conditioner Inter lock] of board 1 and board 2 are different. Please change [Air conditioner Inter lock] of board 1 and board 2 to the same setting.	
8958	DATA CHECK ERROR	The settings of [Print] - [Board] - [Backup Pin Pos.] of board 1 and board 2 are different. Please change [Backup Pin Pos.] of board 1 and board 2 to the same setting.	
8959	DATA CHECK ERROR	The settings of [Print] - [Board] - [Carry out Lane Setting] of board 1 and board 2 are invalid. Please set following either on [Carry out Lane Setting] of board 1 and board 2. - Board 1 is "Lane 1", and Board 2 is "Lane 2" - Board 1 is "Lane 2", and Board 2 is "Lane 1"	
8960	DATA CHECK ERROR	The settings of [Print] - [Mask] - [Mask Size] of board 1 and board 2 are different. Please set same item on [Mask Size] of board 1 and board 2.	
8961	DATA CHECK ERROR	The settings of [Print] - [Mask] - [Mask Standard Position] of board 1 and board 2 are different. Please change [Mask Standard Position] of board 1 and board 2 to the same setting.	
8962	DATA CHECK ERROR	The settings of [Print] - [Mask] - [Standard Position Offset X,Y] of board 1 and board 2 are different. Please change [Standard Position Offset X,Y] of board 1 and board 2 to the same setting.	
8963	DATA CHECK ERROR	The settings of [Print] - [Mask] - [Mask Aperture Type] of board 1 and board 2 are different. Please change [Mask Aperture Type] of board 1 and board 2 to the same setting.	
8964	DATA CHECK ERROR	The settings of [Print] - [Mask] - [Mask Aperture Setting] of board 1 and board 2 are same. Please change [Mask Aperture Setting] of board 1 and board 2 to the different setting.	

Ea : Application Error

No	Title	Message	Detail (Action)
8965	DATA CHECK ERROR	The settings of [Print] - [Squeegee] - [Squeegee Type] of board 1 and board 2 are different. Please change [Squeegee Type] of board 1 and board 2 to the same setting.	
8966	DATA CHECK ERROR	The settings of [Print] - [Squeegee] - [Squeegee Detail Type] of board 1 and board 2 are different. Please change [Squeegee Detail Type] of board 1 and board 2 to the same setting.	
8967	DATA CHECK ERROR	The settings of [Print] - [Board] - [Print Execution] of board 1 and board 2 are different. Please change [Print Execution] of board 1 and board 2 to the same setting.	
8968	DATA CHECK ERROR	The setting of [Print] - [Squeegee] - [One Way/Round] and the setting of [Print] - [Squeegee] - [Detail Setting] - [Filling] - [One Way/Round] are different. Please change these [One Way/Round] to the same setting.	
8969	DATA CHECK ERROR	Feedback print function can not be used, when the dual board product special function is effective. Please change the setting of [Inspection] - [Feedback] - [Feedback Print] - [Feedback] to [Not Use].	
8970	DATA CHECK ERROR	The settings of [Setup] - [Carry out Lane] are invalid. Please set following either on [Carry out Lane] of board 1 and board 2. - Board 1 is "Lane 1" and Board 2 is "Lane 2" - Board 1 is "Lane 2" and Board 2 is "Lane 1"	
8971	DATA CHECK ERROR	The settings of [Print] - [Board] - [Product Side] of board 1 and board 2 are same. Please change [Product Side] of board 1 and board 2 to the different setting.	
8972	CAN NOT DECIDE PRINT DIRECTION	The print direction of the next board can not be decided. Please execute the reset operation, and restart the production.	
8973	DATA CHECK ERROR	"Board Size Y" is larger than [Machine] - [Mask Setting] - [Mask Type] - [Dual Max Board size Y]. Please set correct "Board Size Y" or correct "Mask Size".	

Ea : Application Error

No	Title	Message	Detail (Action)
8974	DATA CHECK ERROR	To execute dual board production, please change [Machine] - [Special Setting] - [Detail Setting] - [Upper Machine Board Select Function] to "ON".	
8975	DATA CHECK ERROR	To execute dual board production, please change [Machine] - [Installation Setting] - [Upper Handling] to "ADVANCED GATE".	
8976	DATA CHECK ERROR	When dual aperture mask is used, PSC cannot be used. Please change the following settings. - [Print] - [Mask] - [Mask Aperture Type] - [Print] - [PSC] - [PSC]	
8977	DATA CHECK ERROR	The settings of "Board Select Signal" of 1st side and 2nd side are same. Please set different value to [Machine] - [Special Setting] - [Detail Setting] - [DUAL_BOARD_PRODUCT] - [1st Side Board Select Signal] and [2nd Side Board Select Signal].	
8978	SOLDER SUPPLY FX AXIS STOP ERROR	Because the FX axis had stopped while supplying solder, the supply was stopped. Please restart the action after error clear.	
8980	DATA CHECK ERROR	[Print] - [Solder Detect] - [Error Rolling Width] and [Warning Rolling Width] must satisfy following relation. [Error Rolling Width] < [Warning Rolling Width]	
8981	DATA CHECK ERROR	Rolling width is not measured correctly, because "Error Rolling Width" or "Warning Rolling Width" is wider than distance from scan start position to scan end position. Please correct any of the followings. - Widen distance from the "Rolling Stroke" to "Over Stroke" (widen gap). - Set "Error Rolling Width" and "Warning Rolling Width" below _XXXX mm.	
8982	DATA CHECK ERROR	Solder width is not measured correctly, because "Error Rolling Width" or "Warning Rolling Width" is too narrow and rolling shape is not steady on the mask. Set "Error Rolling Width" and "Warning Rolling Width" more than _XXXX mm.	
8983	DATA CHECK ERROR	When using "Solder Remaining Quantity Detection", "Solder Scan Sensor Position" must "Rear Only"	

Ea : Application Error

No	Title	Message	Detail (Action)
8984	Print Cycle Time Might Increase	<p>Print cycle time might be increase because any of the following conditions is satisfied : solder width is scanned during round-trip printing (after backward printing).</p> <p>1."One Way" and "Round" are mixed in the setting of "One Way / Round" in [Print]-[Squeegee] , "Feedback Print" and "Filling" after cleaning. 2.Auto-running was started at backward printing though the setting of "One Way / Round" were all "Round". To start auto-running, select "Yes". Not to increase print cycle time, select "No" and change setting by any of the following procedures, please.</p> <p>1.Set either "One Way" or "Round" to the setting of all "One Way / Round" in [Print]-[Squeegee] , "Feedback Print" and "Filling" after cleaning. 2.In the case of all of "One Way / Round" are set to "Round", start auto-running at forward printing. (For example, stop after backward printing in rolling)</p>	
8985	Succeeded in Scanning	<p>Succeeded in solder scanning.</p> <p>Scan Result: _XXXX mm Warning Rolling Width: _XXXX mm Error Rolling Width: _XXXX mm</p>	
8986	Solder Empty Warning	<p>Result of solder width scanning, solder width falls below "Warning Rolling Width". Please prepare for supplying solder.</p> <p>Result of solder width (last scan): _XXXX mm Warning Rolling Width: _XXXX mm Error Rolling Width: _XXXX mm</p>	
8987	Solder Empty Error	<p>Result of solder width scanning, solder width falls below "Error Rolling Width". In next window, select whether solder is supplied or not.</p> <p>Result of solder width (last scan): _XXXX mm Error Rolling Width: _XXXX mm</p>	
8988	Supply Solder	<p>Please supply solder on mask.</p> <p>When supplying solder, tap "Yes" button. To continue remaining board production forcibly without supplying solder, tap "No" button.</p> <p>"Yes" : Supplying solder. "No" : Continue remaining board production forcibly without supplying solder.</p> <p>* When board is changed or production is finished, tap arbitrary button.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
8989	Solder Empty Error	Production of remaining board was finished after solder empty error. In next window, select whether solder is supplied or not.	
8990	DATA CHECK ERROR	The settings of [Print] - [Solder Detect] of board 1 and board 2 are different. Please change [Solder Detect] of board 1 and board 2 to the same setting.	
8991	SOLDER WIDTH MEASURE ERROR	Failed to measure the solder width. The following causes are thought. - Other error occurred while scanning solder width. - [EMERGENCY STOP] button was pushed while scanning solder width.	
8992	CARRY IN POSITION SOFTLIMIT ERROR	Please check follows items. - [Machine data]-[Mechanical Position]-[Soft limit] - [Machine data]-[Mechanical Position]-[Transfer Position]-[Carry In Position]	
8993	CARRY OUT POSITION SOFTLIMIT ERROR	Please check follows items. - [Machine data]-[Mechanical Position]-[Soft limit] - [Machine data]-[Mechanical Position]-[Transfer Position]-[Carry Out Position]	
8994	Fixed Board Exists On Conveyor	Please release the fixed board before select the board data.	
8995	Supply a printed board	Supply a printed board. After closing this message with the "Error Clear", please supply a printed board according to next message.	
8996	Couldn't find the printed board	Couldn't find the printed board. When you want to supply the printed board again, please push [Setup] - [Utility] - [Print Board Convey Out].	
8997	<< WARNING >> The fixed board is lost.	The fixed board is lost. The following causes can be considered. 1. The board has stuck to the mask. 2. The board dropped from the conveyor. Please restore according to the following procedures to resume operation. 1.Please push an emergency stop button and remove a mask. 2.Please check and remove the state of the board of a print position. 3.Please perform reset. 4.Please carry out board fixed release from [Unit]-[Conveyor]. 5.Please start operation again.	

Ea : Application Error

No	Title	Message	Detail (Action)
9403	Detect ECC Count up	Detect ECC Count up	

Ea : Application Error

No	Title	Message	Detail (Action)
12000	VgwMain messages	VgwMain messages	
12001	Invalid Password	Invalid Password	
12003	Detect system power failure!	Exit this application program...	
12038	Press the "EMERGENCY STOP" button.	Press the "EMERGENCY STOP" button.	
12042	Failed to execute _XXXX .	_XXXX is aborted.	
12043	Do you want to start Return-To-Origin?	Check following points and then press [Yes] to start RETURN-TO-ORIGIN. 1.Close upper covers. 2.Release "EMERGENCY STOP" and press READY button.	
12044	(No Use)	(No Use)	
12047	Save abort information	Save abort information	
12048	Save Date/Time	Save Date/Time	
12049	Board Data Name	Board Data Name	
12051	Machine control stopped.	Check the message and press [OK] to stop the program.	
12052	BOARD EXPLORER	Saving Board data.	
12053	Mount Point	Mount Point	
12054	Block Offset Point	Block Offset Point	

Ea : Application Error

No	Title	Message	Detail (Action)
12057	CREATE BACKUP	Create backup files. Insert a floppy disk.	
12058	RESTORE BACKUP	Restore backup files. Insert a floppy disk.	
12061	Enter a Board name.	Enter a Board name.	
12062	Enter a file name.	Enter a file name.	
12063	Floppy disk is not ready.	Floppy disk is not ready.	
12064	Floppy disk is not formatted.	Floppy disk is not formatted.	
12065	FORMAT	Formatting disk...	
12066	Failed to format this floppy disk.	Make sure the disk is not write protected.	
12067	The disk is write protected.	The disk is write protected.	
12069	Failed to clear the disk	Make sure that the disk is not write protected.	
12070	VIOS FORMAT	Executing vios format...	
12071	Failed to format the disk.	Failed to format the disk.	
12072	It's not possible to save Board data in this demo version.	It's not possible to save Board data in this demo version.	
12074	DATABASE FULL	There is no empty database number. Specify a database number which may be replaced.	
12077	Failed to delete.	Failed to delete.	
12078	BOARD DATA SELECT	Updating file table...	

Ea : Application Error

No	Title	Message	Detail (Action)
12079	Failed to update the file table.	Failed to update the file table.	
12081	No parts to mount in this Board data.	No parts to mount in this Board data.	
12082	Copy failed because source	and destination are the same.	
12083	Enter a Board name	Enter a Board name	
12084	The setting of feeder plate is mistake.	The setting of feeder plate is mistake.	
12086	This name is already used.	This name is already used.	
12089	ADJUST	Loading vision image data file...	
12091	Failed to load the optimizer.	Failed to load the optimizer.	
12092	Failed to find an entry point in the optimizer.	Failed to find an entry point in the optimizer.	
12093	Execute	Execute	
12094	Skip	Skip	
12095	RESERVED FILE NAME	This name is to specify another reserved name.	
12096	Dot-Dispense	Dot-Dispense	
12097	This file is not in VIOS text format	This file is not in VIOS text format	
12098	SYSTEM BACKUP	Copying backup...	
12099	SYSTEM BACKUP	Reconstructing	

Ea : Application Error

No	Title	Message	Detail (Action)
12100	(General Error Message)	(General Error Message)	
12101	Failure.	Failure.	
12102	Error.	Error.	
12103	System error.	System error.	
12104	Timeout.	Timeout.	
12105	Not enough memory.	Not enough memory.	
12106	NULL pointer error.	NULL pointer error.	
12107	This version is invalid.	This version is invalid.	
12108	Cancel.	Cancel.	
12109	End.	End.	
12110	Stop.	Stop.	
12111	Pause.	Pause.	
12113	Failed to find out machine.	Failed to find out machine.	
12114	String is empty.	String is empty.	
12115	String is too long.	String is too long.	
12116	Out of range.	_XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
12117	Buffer is full.	Buffer is full.	
12118	Buffer is empty.	Buffer is empty.	
12119	Already initialized.	Already initialized.	
12120	Not initialized.	Not initialized.	
12121	Hardware trouble.	Hardware trouble.	
12122	Already used.	Already used.	
12123	Sending.	Sending.	
12124	Receiving.	Receiving.	
12126	Send timeout.	Send timeout.	
12127	Receive timeout.	Receive timeout.	
12128	Not received.	Not received.	
12129	Failed to receive.	Failed to receive.	
12130	Failed to transmit.	Failed to transmit.	
12131	Failed to execute this command.	Failed to execute this command.	
12132	The transmittance condition is busy.	The transmittance condition is busy.	
12133	Failed to create a new file.	Failed to create a new file.	

Ea : Application Error

No	Title	Message	Detail (Action)
12134	Failed to open the file.	Failed to open the file.	
12135	Failed to close the file.	Failed to close the file.	
12136	Failed to get number of records in the file.	Failed to get number of records in the file.	
12137	Failed to load the file.	Failed to load the file.	
12138	Failed to save the file.	Failed to save the file.	
12139	Failed to reserve the file.	Failed to reserve the file.	
12140	Failed to free the file.	Failed to free the file.	
12141	Failed to seek the file.	Failed to seek the file.	
12142	Failed to append the record to the file.	Failed to append the record to the file.	
12143	Failed to delete the record from the file.	Failed to delete the record from the file.	
12144	Failed to get number of tables in the file.	Failed to get number of tables in the file.	
12145	File service not installed.	File service not installed.	
12146	EOF	EOF	
12147	File is not found.	File is not found.	
12148	File is not found.	File is not found.	
12149	Too many opened files.	Too many opened files.	

Ea : Application Error

No	Title	Message	Detail (Action)
12150	The file can not be accessed.	The file can not be accessed.	
12151	The file is already opened.	The file is already opened.	
12152	The file is not opened.	The file is not opened.	
12153	The file is already closed.	The file is already closed.	
12154	The file already exists.	The file already exists.	
12155	The file is already reserved.	The file is already reserved.	
12156	The file is not reserved.	The file is not reserved.	
12157	Could not find the file.	Could not find the file.	
12158	Master file is not found.	Master file is not found.	
12159	The record is not found.	The record is not found.	
12160	The record already exists.	The record already exists.	
12161	The table is not found	The table is not found	
12162	The table already exists.	The table already exists.	
12163	Invalid file name.	Invalid file name.	
12164	The file is read-only.	The file is read-only.	
12165	Failed to open Memory-mapped-file.	Failed to open Memory-mapped-file.	

Ea : Application Error

No	Title	Message	Detail (Action)
12166	Memory-mapped-file is already opened.	Memory-mapped-file is already opened.	
12167	Memory-mapped-file is not opened.	Memory-mapped-file is not opened.	
12168	Memory-mapped-file error.	Memory-mapped-file error.	
12169	Failed to execute this command.	Failed to execute this command.	
12171	Could not execute the command.	Could not execute the command.	
12172	Failed to create a window.	Failed to create a window.	
12173	Failure to Read and Init I/O-list Data	No. _XXXX	
12175	String is not found.	String is not found.	
12176	Edit Error	Sort by ""No."" for editing.	
12177	Data is not found on the clipboard.	Data is not found on the clipboard.	
12178	Failed to insert lines because the bottom data was lost.	Failed to insert lines because the bottom data was lost.	
12179	No Board Data is loaded.	No Board Data is loaded.	
12180	Data Read Error	Could not load abort information because it differ from board data.	
12181	Could not replace string.	Could not replace string.	
12182	Data Read Error	Could not load abort information because it differ from Mount Point.	
12183	Data Read Error	Could not load abort information because it differ from Offset Point.	

Ea : Application Error

No	Title	Message	Detail (Action)
12185	Failed to create backup files.	Failed to create backup files.	
12186	Failed to restore backup files.	Failed to restore backup files.	
12187	Failed to execute Return-To-Origin.	Failed to execute Return-To-Origin.	
12188	HALFWAY CONTINUE	Halfway Continue is executed. [OK] Continue Auto Running [Cancel] Abort	
12190	Conveyor width is not ready for production.	When you want to change width, please check the following point and press [OK] button. 1. Ensure the boards are not on the conveyor. 2. Ensure the push up pins are not around the position interfered with conveyor. Please press the [CANCEL] button, when you want to cancel.	
12191	Failed to copy the file.	Failed to copy the file.	
12192	Failed to save the file.	The number of VIOS board data will exceed the maximum. The maximum number is 510. ACTION METHOD Please move unnecessary board data to other places.	
12193	Failed to delete the file.	Failed to delete the file.	
12195	Position was already taught.	Retry teaching? [OK] Clear previous data and retry teaching [CANCEL] Keep previous data and abort	
12196	Not possible to write in this folder.	Write in directory 'No1' to 'No10'.	
12198	Do you want to move the FES feederplate to the down position?	Execute, if the machine will be shut down for more than one day. [OK] Execute [Cancel] Abort	
12199	The function Vision Cursor Teach is finished successfully.	Please Run again.	
12200	(Generic Message2)"	(Generic Message2)"	

Ea : Application Error

No	Title	Message	Detail (Action)
12202	FILE COPY	Copy from _XXXX to _XXXX .	
12203	Copy to	Copy to	
12204	Save the pattern	Save the pattern	
12205	FEEDER SPEC INFORMATION ERROR	Invalid Feeder Spec Information ! Check the feeder spec information.	
12207	Now saving DATABASE to backup.	Now saving _XXXX DATABASE to backup.	
12209	Failed to save DATABASE.	Failed to save _XXXX DATABASE.	
12210	Now restoring DATABASE from backup.	Now restoring _XXXX DATABASE from backup.	
12212	Failed to restore DATABASE.	Failed to restore _XXXX DATABASE.	
12213	Vertical format unit	Vertical format unit	
12214	SUCCESS OF MEASUREMENT RESULT SAVE	Save to _XXXX .	
12215	COULD NOT SAVE.	COULD NOT SAVE.	
12216	NoNzl	NoNzl	
12218	Failed to remove this file because it is used now.	Failed to remove this file because it is used now.	
12219	The MMF of log for measuring cycle time has been opened	The MMF of log for measuring cycle time has been opened	
12220	MEASURING CYCLE TIME	Measuring cycle time....	
12221	ESTIMATING CYCLE TIME	Estimating cycle time....	

Ea : Application Error

No	Title	Message	Detail (Action)
12224	INITILIZE FAMF DATA	Do you want to Clear FAMF Measure data?	
12227	ATS1	ATS1	
12228	ATS2	ATS2	
12231	TRAY PART NOT FOUND	The tray part in the loaded data doesn't exist.	
12232	RS-232-C ready	RS-232-C ready	
12233	RS-232-C busy	RS-232-C busy	
12234	RS-232-C receiving	RS-232-C receiving	
12235	RS-232-C sending	RS-232-C sending	
12236	Service key OFF	Service key OFF	<p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please check the I/O board and ANC, and the connections of the cables or harness between them and then re-start the machine. - When the error occurs after re-starting the machine noted above, please update the application software. - When the error occurs after doing action for recovery noted above, please record "Error Detail Number" on [Outline] tab and consult your distributor for further information.
12237	Service key ON	Service key ON	<p>Additional Information:</p> <ul style="list-style-type: none"> - Please reinstall the application software and re-start the machine. Then the firmware will be installed. - If this error occurs repeatedly after reinstalling the application software, please record "Error Detail Number" on [Outline] tab and consult your distributor for further information.

Ea : Application Error

No	Title	Message	Detail (Action)
12238	Service key front ON	Service key front ON	<p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please check the cables and harness connected to the I/O board or ANC, and then re-start the machine. - When the error occurs after re-starting the machine noted above, please update the application software. - When the error occurs after doing action for recovery noted above, please record "Error Detail Number" on [Outline] tab and consult your distributor for further information.
12239	Service key rear ON	Service key rear ON	<p>Action list for recovery:</p> <ul style="list-style-type: none"> - To get the proper vision result, please reinstall the application software and re-start the machine. Then the firmware will be installed. - If this error occurs repeatedly after reinstalling the application software, please record "Error Detail Number" on [Outline] tab and consult your distributor for further information.
12240	Service key front & rear ON	Service key front & rear ON	<p>Additional Information:</p> <ul style="list-style-type: none"> - The error which prevent the machine from starting running occurs during downloadig the firmware. <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please check the cameras and vision board, and the connections of the cables or harness between them and then re-start the machine. - When the error occurs after re-starting the machine noted above, please reinstall the application software. - When the error occurs after doing action for recovery noted above, please record "Error Detail Number" on [Outline] tab and consult your distributor for further information.
12241	MSP disconnected	MSP disconnected	Failed to release the write inhibit of C drive.

Ea : Application Error

No	Title	Message	Detail (Action)
12242	MSP connected	MSP connected	Failed to set Administrator to automatically log in.
12245	Finished to save history data.	Finished to save history data.	
12246	Failed to save the MIS data.	Failed to save the MIS data.	
12247	No History data item is selected	No History data item is selected	
12248	History data is cleared and/or resetted.	History data is cleared and/or resetted.	
12249	SET FROM DATABASE ALL	A set from database all for all the parts and marks after board reading is done successfully.	
12251	The system sometimes stops moving normally when	data in this database number is changed. _XXXX	
12252	READING DATA	Reading from _XXXX ...	
12253	WRITING DATA	Writing to _XXXX ...	
12260	BLOCK OFFSET ERROR	Block offsets are not valid.	
12261	HELPS CODE INITIALIZE	HELPS Code Initialize ? If you want to change Board data, then you have to select [yes] and you have to execute [Read Retry] at upstream buffer conveyor.	
12262	FIDUCIAL ADJUSTMENT	Fiducial adjustment data will be removed, if you edit this data.	
12263	NOT AVAILABLE FOR AUTO NOZZLE CHANGE	This head is not available for auto nozzle change. It can not take this nozzle.	

Ea : Application Error

No	Title	Message	Detail (Action)
12264	BOARD DATA NOT FOUND	BOARD DATA NOT FOUND	Information (1)Multi turn error (2)Accel error (3)Speed error (4)Memory access error (6)Pitch counter error (8)Memory busy (9)Encoder over heat (12)Multi turn data error (13)FRAM data error (15)Resolver error
12265	SAME FOLDER	The left window is the same as right window.	
12266	CONVEYOR AND FIX	Please put board on the entrance of conveyor. The board will be conveyed in and fixed.	
12268	BOARD EXIST	_XXXX exist.	
12270	(Machine Control Command Error)	(Machine Control Command Error)	
12271	MMF OPEN ERROR	MMF OPEN ERROR	
12273	CANNOT EXECUTE COMMAND	CANNOT EXECUTE COMMAND	
12274	FAILED TO EXECUTE COMMAND	FAILED TO EXECUTE COMMAND	
12275	TIMEOUT ERROR	TIMEOUT ERROR	
12276	EXECUTE COMMAND ERROR	EXECUTE COMMAND ERROR	
12280	CHECK HEAD AND NOZZLE	Required nozzle type is Table _XXXX Head _XXXX Nozzle _XXXX . Please check them.	
12281	BOARD DATA LOCATION ERROR	FILE READ ERROR. BECAUSE SETTING LOCATION NOT FOUND. Please confirm setting location.	

Ea : Application Error

No	Title	Message	Detail (Action)
12300	BOARD READ ERROR	Failed to load board data because the size of board data is too big. Reason: _XXXX File size: _XXXX byte Ref.1 _XXXX byte Ref.2 _XXXX byte Ref.3 _XXXX byte	
12301	CONFIRMATION OF FES	Some FES used in this production is not ready. Please make it ready and select the Button. [YES] Make it ready [NO] Nothing	
12302	CONFIRMATION OF FES	Some FES used in this production is not ready. Please make it ready and select the Button.	
12308	Moving the FES feederplate to the downMoving the FES feederplate	Moving the FES feederplate to the downMoving the FES feederplate down.	
12310	Main-Stopper position is not ready for production.	Do you want to change position? [OK] continue [Cancel] abort	
12313	QRCode Error	Data value is outside the range. Input 13-digit number.	
12314	MachineCode Error	The program name which handles MachineCode isn't found.	
12318	Finish Automatic Optimization.	Finished automatic optimization.	
12321	BOARD DATA CHANGE	Board data is changed. Failed to save the data because the current operator level is lower. All changes will be lost.	
12322	Disk is full.	Disk is full.	
12324	The repair detection of the file.	The machine is unusually shut down. One or more files may be damaged. Run the upgrade installation of the application software.	
12325	QRCode Error	Data value is outside the range. Input 29-digit number.	
12326	Board data is modified.	Because Board data is modified, Halfway continue function cannot be executed. Board data must be re-loaded. Please save Board data and select it again.	

Ea : Application Error

No	Title	Message	Detail (Action)
12327	MACHINE IS NOT RESET	Do you want to continue to shut down?	
12329	Drive setting error.	The drive set up can't be used. Please set up a network drive.	
12330	Drive setting error.	The drive set up can't be used. Please Set up a floppy disk drive or a network drive. Please setup the network drive using the network button in 'Network Settings' in 'Software Setting'.	
12331	Print Inspection Result Save	Saving the print inspection result...	
12334	Object window size error.	The window size of object data No._XXXX is bigger than the view window size.	
12335	Object window size error.	The window of object data No._XXXX is outside the range of the view.	
12336	Object window size error.	The window of object data No._XXXX is outside of the soft limit.	
12337	View position error.	The position of view data No._XXXX is outside of the soft limit.	
12338	View data number error.	The total of the view data exceeded a limitation.	
12342	Gerber Conversion Error	Failed to convert G_code at the _XXXX line in Gerber data file.	
12343	Gerber Conversion Error	Failed D_code conversion on the _XXXX line of Gerber data file.	
12344	Gerber Conversion Error	Failed Gerber data conversion on the _XXXX line of Gerber data file.	
12345	Gerber Data File Read Error	Failed to read Gerber data files.	
12346	Aperture Data File Read Error	Failed to read aperture data files.	
12347	Aperture Data File Write Error	Failed to write aperture data files.	

Ea : Application Error

No	Title	Message	Detail (Action)
12348	Inspection Data Matching	Matching the inspection data...	
12349	Inspection Order Optimize	Optimizing the inspection order...	
12350	Gerber Data Convert	Converting Gerber data...	
12355	Failed to write the report file	Failed to write the report file	
12356	FIRST BOARD CHECK	Please check first Board of a lot by moving camera. Press the [OK] button to check, or [CANCEL] button to abort. After checking and correcting, please start production.	
12357	FINAL BOARD CHECK	Please check last Board of a lot by moving camera. Press the [OK] button to check, or [CANCEL] button to abort. After checking and correcting, please start production.	
12359	Refill Components.	Please refill each components from Rest Monitor.	
12360	Refill component.	Refill component.	
12361	File access failure.	_XXXX ' isn't made because ' _XXXX ' holds a master production plan.	
12362	File access failure.	_XXXX ' isn't made because ' _XXXX ' holds a production plan.	
12363	File access failure.	_XXXX ' isn't made because ' _XXXX ' holds a package-ID.	
12367	Do you wish to optimize inspection order?	Do you wish to optimize inspection order?	
12368	Object data number error.	The total of the object data exceeded a limitation.	
12372	Board condition mismatch.	Please remove the Board of _XXXX and re-supply from upstream QR conveyer.	

Ea : Application Error

No	Title	Message	Detail (Action)
12373	Renumber Data	Renumbering the data...	
12374	Alternative Component Error	Alternative component specified in the data does not exist. Component : _XXXX Name : _XXXX	
12375	Mount Data Error	No component data available for the mount data. Mount : _XXXX	
12376	Downloading Servo Soft	Servo Soft was changed. Now downloading Servo Soft. Please Wait for 3-5 minutes.	
12380	Pitch Distribution Error	Offset data other than No.1 exists.	
12382	Pitch Distribution Error	The distributed coordinates are out of range.	
12383	Pitch Distribution Error	The number of blocks after distribution is out of range.	
12384	Print Inspection Image Save	Saving the print inspection image...	
12387	The power of machine was turned on.	The power of machine was turned on.	
12388	The power of machine was turned off.	The power of machine was turned off.	
12389	Some heads of machine or tray changer may still have parts.	Please remove parts and reset a machine before you do this operation.	
12390	<< WARNING >> AUTO RUNNING WITH UNSAVED DATA	This Board data is being edited. If you continue auto running, please press the YES button. Otherwise, please press the NO button.	
12395	Finish to reset the laser height sensor.	Finish to reset the laser height sensor.	
12396	Finish to measure.	RESULT _XXXX mm	

Ea : Application Error

No	Title	Message	Detail (Action)
12397	Finish to measure the length of nozzle.	Finish to measure the length of nozzle.	
12398	Aborted measuring the length of nozzle.	<p>Aborted measuring the length of nozzle. This screen is displayed for the following items.</p> <ul style="list-style-type: none"> • When you push "Cancel" button while measuring the length of nozzle. • When either of heads is in vacuum or in the blow. • When the error goes out while measuring the length of nozzle. 	
12399	Incomplete Object Data	<p>_XXXX -object(s) data can not be converted. Incomplete data is shown by skipping data. In case of object size is 0mm, there are no aperture data, or the shape of object is not specified. ->Please check size and area ratio of object(s). The other skipping data is composed by multiple shapes in Gerber data, so the area could be calculated. ->Please check area ratio of object(s).</p>	
12400	Data Save Error	A folder name is not specified.	
12401	Data Save Error	A file name is not specified.	
12402	Data Save	Now Saving the data ...	
12403	Data Save Error	Failed to save the data files.	
12406	Block Distribution Error	Block offsets are not valid.	
12407	Block Distribution Error	The distributed data number exceeds the limit for Dot Dispense data.	
12408	Block Distribution Error	The distributed data number exceeds the limit for Local Bad Mark data.	
12409	Block Distribution Error	The distributed data number exceeds the limit for Local Fid Mark data.	
12410	Block Distribution Error	The distributed data number exceeds the limit for Mount data.	
12411	DISPENSE WARNING	<p>The remaining quantity of liquid reached the warning level. Please prepare the liquid to be exchanged. Head number _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12412	Block Distribution Error	The distributed data number exceeds the limit for Height Correction data.	
12416	Invalid characters are used for the file name.	A file name may contain max.20 alphanumeric characters (half size) and underbars.	
12417	Failed to Reset the laser zero position.	(RESULT _XXXX mm)	
12418	Measuring the height of dot-station...	Measuring the height of dot-station...	
12419	Failed to measure the height of dot-station.	Failed to measure the height of dot-station.	
12420	Successfully finished measuring the height of dot-station.	Successfully finished measuring the height of dot-station.	
12422	Failed to paste data.	The maximum number of lines would be exceeded.	
12424	Board ID	Since it differs from the ASSY-article watch under present production, it cannot supply.	
12429	ASSIGNMENT CHECK UN-COMPLETION	The plan check of _XXXX is not completed. Please check a confirm a assignment check. Please check a assignment.	
12430	PARTS DUMP AND RESET	Some heads may still have parts. Dump parts during reset? [OK] Reset and dump parts [Cancel] Abort * Parts can be discarded and reset in the position of the head present by SHIFT+[OK]. (Be careful of the position from which parts fall.)	
12436	Renumber Error	Data must be sorted by ""No."" to renumber it.	
12439	Mask Inspection Result Save	Saving the mask inspection result...	
12440	Mask Inspection Image Save	Saving the mask inspection image...	

Ea : Application Error

No	Title	Message	Detail (Action)
12443	MIS by Board data is saved.	MIS by Board data is saved.	
12444	Failed to save the MIS by Board data.	Path _XXXX Server Path _XXXX	
12445	Failed to load the MIS by Board data.	Path _XXXX	
12448	Block Distribution Error	Offset data "Exec" are not valid.	
12449	Block Distribution Error	Offset data "Note" exists.	
12450	Block Distribution Error	Block Fiducial is "Note"	
12451	Block Distribution Error	Block Badmark is "Note"	
12452	Block Distribution Error	Mount data "Note" exists.	
12453	Block Distribution Error	Mount data or Dot Dispense data "Exec" are not valid.	
12454	Block Distribution Error	Local Fiducial data "Note" exists.	
12455	Block Distribution Error	Local Badmark data "Note" exists.	
12457	Block Distribution Return Error	Offset data "Note" are not valid.	
12458	Block Distribution Return Error	Mount data or Dot Dispense data "Note" are not valid.	
12461	BOARD DATA CHANGE	Board data is changed. It can not be saved by the current operator level. All changes will be lost. If you want to perform a language change, please press "OK" button. If you want to interrupt processing, please press "Cancel" button. When processing is interrupted, in order to change language, please change language of machine setup again.	

Ea : Application Error

No	Title	Message	Detail (Action)
12462	Pin Number Assign Error	The identification of 1 pin is wrong.	
12463	Pin Number Assign Error	The pin number exceeded a maximum.	
12464	Pin Number Assign Error	The ball number exceeded a maximum.	
12465	Pin Number Assign Error	The pitch of neighboring object data is different.	
12467	CONFIRMATION	The machine will be RESET, axes will be moved. Please ensure safety. If you would like to stop RESET, press the EMG stop.	
12470	Folder Create Error	The following characters are not available as folder name. < > ? . / * : " \	
12471	Parameter Error	The value you entered must be within "Comp Amount X/Y" of the parts data.	
12473	Save print inspection result Error	Failed to create folder. Please check software application setting.	
12475	Save mask inspection result Error	Failed to create folder. Please check software application settings.	
12476	Parts remain warning	The number of the remaining parts reached the number of warning. Please prepare reserved parts. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX Parts Stock Position _XXXX	
12483	Please resume automatic operation.	Please resume automatic operation.	
12484	WARNING OF JUDGMENT UNIT	Some inspection objects in the same view were judged at the same time. Please press "YES" button to restart. If you want to judge again, press "NO" button.	
12485	WARNING OF JUDGMENT DEFICIENCY	There are judgment deficiency of the inspection result for the inspection view or object. Please press "YES" button to restart. If you want to judge again, press "NO" button.	
12487	Pin Number Assign Error	The position of multiple inspection objects data is same.	

Ea : Application Error

No	Title	Message	Detail (Action)
12489	Do you want to save result file?	File name: _XXXX	
12505	Saving servo log data.	Machine copy servo data(servo error log). Please insert Floppy Disk	
12508	Board data switching completion.	Board data were changed to the normality. Confirm a plan, and press the "START" button.	
12520	AUTO RUNNING	The machine picked up some components in adjustment mode when stopped. So its head vacuum are still ON now, misalignment or components dropping may happens. Please turn OFF head vacuum like any way below. 1. Execute "Parts Dump" in adjustment mode. 2. Remove parts, and turn OFF vacuum in [Unit]-[Head] mode. 3. Reset the machine, and execute Halfway Continue.	
12523	CHECK THE NEWEST FILE	There are new data in the shared files. Load the same board data again. If you want to load the same board data, press "YES" button. Press "No" button to restart.	
12525	REFLECT TEACH RESULT FILE	Some data read from the shared files are reflected. It is only changed in the system memory. When updating file table save the Board data.	
12527	CHECK THE NEWEST FILE(ORIGIN OFFSET)	There are new data in the shared files. Load the same board data again. If you want to load the same board data, press "YES" button. Press "No" button to restart.	
12529	REFLECT TEACH ORIGIN RESULT FILE	Some data read from the shared files are reflected. Only changes on memory. When updating file table save the Board data.	
12532	Aborted calibrating the spring force.	Aborted calibrating the spring force.	
12533	Finish to calibrate the spring force.	Finish to calibrate the spring force.	
12534	DATABASE	Set all data from DATABASE has been completed.	
12535	DATABASE ERROR	In DATABASE, this database number does not exist. Database No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
12536	DATABASE	The data is deleted from DATABASE. Database No. _XXXX	
12537	DATABASE ERROR	The data number exceeded the limit for DATABASE. Limit is _XXXX for DATABASE.	
12538	DATABASE	Add to DATABASE has been completed. From Data No. _XXXX To Database No. _XXXX	
12539	DATABASE	Write into DATABASE has been completed. From Data No. _XXXX To Database No. _XXXX	
12540	DATABASE	Set from DATABASE has been completed. From Database No. _XXXX To Data No. _XXXX	
12541	DATABASE ERROR	Failed to set the data because data type is different.	
12542	Print Inspection Statistics Save	Saving the print inspection statistics...	
12543	Undefined data name.	Please input the name of data.	
12549	CHANGE BOARD COMPLETED	The Board change is completed. Please check the feeder setup.	
12551	COULD NOT CONNECT NETWORK COMPUTER	Could not connect to network computer: _XXXX	
12553	DATABASE ERROR	In Board data, this Inspection data number does not exist. data No. _XXXX	
12567	Operation is impossible	It corresponds to the following conditions. - A LED rank table file does not exist. - Today.csv file analysis failure. - Combination table creation failure. - The error in a combination table. Please check a LED table file, Today.csv, and board data.	

Ea : Application Error

No	Title	Message	Detail (Action)
12568	SHUT DOWN (Windows Mode)	SHUT DOWN (Windows Mode)	
12569	The data format cannot be converted	for the following reason: - This Board data was expanded using Block Distribution with Note data. i-Cube 1 doesn't support "Note" data. Please convert data again after doing "Block Distribute Return".	
12570	Initialization process was canceled	Required initialization process was not completed. Please turn off a power supply.	
12571	Barcode character sequence input check.	Please input a barcode character sequence.	
12576	Warning	A file is copied to the folder of wafer map setup.	
12577	Warning	The copy went wrong. Please copy a file in board Explorer after teaching completion.	
12579	POS information file error.	Failed to open POS information file.	
12580	POS information file error.	Failed to read POS information file.	
12581	POS information format error.	Prohibited characters found. Only the English alphabet and numeric characters are allowed. However, numerical portion is only is only numeric characters and '+','-','.'. Standard ball number is set only to numeric characters. Please check the contents of a file.	
12582	POS information format error.	Ball POS data line is over the maximum number. Please check the contents of a file.	
12583	POS information format error.	Ball POS Data cannot be read if there is no line of default ball size previously. Please check the contents of a file.	
12584	POS information format error.	There is no diameter data in the line of default ball size. Or excessive data is added after diameter data. Please check the contents of a file.	
12585	POS information format error.	One does not have some X or Y of the line of Ball POS data at least. Or excessive data is added after diameter data. Please check the contents of a file.	

Ea : Application Error

No	Title	Message	Detail (Action)
12586	POS information format error.	Standard ball POS data of the line of ball POS data is over the maximum number. Please check the contents of a file.	
12587	POS information format error.	There is no effective reading data line. Please check the contents of a file.	
12589	DIFFERENCE FIND IN BACKUP FILES.	There is a difference by backup of a special setup or an option setup. below Please check whether a setup is right. _XXXX	
12592	Failed to copy to clip board.	Failed to copy to clip board.	
12593	HALFWAY CONTINUE	Halfway Continue will be started. [OK] Continue Auto Running [Cancel] Abort Stage: _XXXX	
12595	WAITING FOR A COMMAND FROM SVS-PRO.	It is in the state waiting for a command from SVS-Pro.	
12597	If picking up component by the selected head,	the component may hit neighbor head. So, After dumping the component, follow action will be performed. Nozzle FNC : Head move up until safety position. Nozzle ANC : After putting back nozzle to station, Head move up until safety position. Do you want to dump components of all head ? [OK] Dump [Cancel] Abort	
12598	Board condition un-adjustment.	A board is undetectable although ID information is on === _XXXX === exists. Is ID information eliminated? When it is chosen, ID information is deleted. When it is chosen, please put a board on there.	
12599	Board condition un-adjustment.	Please remove the board of === _XXXX === and re-supply from upstream conveyer.	
12600	OVERWRITE QR INFORMATION?	QR information exists === _XXXX === in the moving destination. May I overwrite?	

Ea : Application Error

No	Title	Message	Detail (Action)
12601	DELETE QR INFORMATION?	QR information is deleted. After deletion cannot be revived. Is it all right?	
12603	The pallet of tray changer exists in wafer stage.	Please reset a machine.	
12604	Operation to change status "Parts Not Ready".	Operation to change status "Parts Not Ready".	
12605	Operation to change status "Parts Ready".	Operation to change status "Parts Ready".	
12606	[Not retry] is selected by the confirmation after the emergency	[Not retry] is selected by the confirmation after the emergency stops.	
12607	[Retry] is selected by the confirmation after the emergency stops.	[Retry] is selected by the confirmation after the emergency stops.	
12619	WARNING: HALFWAY CONTINUE HASN'T BEEN SETUP	It was canceled in the halfway continue Or because there is no check in effective Mounted, a halfway continue is executed. [Yes] Execute [No] Not Execute	
12620	WARNING: HALFWAY CONTINUE	Because Board Data has been changed, HALFWAY CONTINUE is not done. Do you want to continue? [Yes] Execute this Board Data [No] Not Execute	
12621	Auto Running is started from the beginning.	Auto Running is started from the beginning without halfway continue, because the PCB data was changed. For execution of halfway continue. Please discard the change data then reload the PCB data. Is Auto Running started from the beginning without doing Halfway Continue? [Yes] :When the PCB exists in the mounting position, it is carried out to the exit position. Afterwards, the following PCB is carried into the mounting position, and an Auto-Running is started from the beginning without doing Halfway Continue.	

Ea : Application Error

No	Title	Message	Detail (Action)
12622	Halfway Continue	<p>The interrupted data exists. Is Halfway Continue done?</p> <p>[Yes] :Halfway Continue is done.</p> <p>[No] :When the PCB exists in the mounting position, it is carried out to the exit position. Afterwards, the following PCB is carried into the mounting position, and an Auto-Running is started from the beginning without doing Halfway Continue.</p>	
12624	Auto Running is started from the beginning.	<p>- Mount point of the board data is different from the last production.</p> <p>- Halfway Continue cannot be done.</p> <p>Is Auto Running begun from the mount of the first point?</p> <p>[Yes] :When the PCB exists in the mounting position, it is carried out to the exit position. Afterwards, the following PCB is carried into the mounting position, and an Auto-Running is started from the beginning without doing Halfway Continue.</p>	
12625	WARNING: HALFWAY CONTINUE is Canceled	Because Halfway Continue was canceled, Halfway Continue is not executed.	
12626	WARNING:Halfway Continue was generated. Please Check Machine.	Halfway Continue was by an online command.Auto Running is not begun. Please restart operations by the machine.	
12627	Other processes are using Board file data.	Please perform processing again.	
12628	Other processes are using file table.	Please perform processing again.	
12629	Access of the file for file table exclusion went wrong.	Access of the file for file table exclusion went wrong.	
12630	Other processes are using the file for file table exclusion.	Please perform processing again.	
12631	Restore of the file for file table exclusion went wrong.	Restore of the file for file table exclusion went wrong.	
12634	Board condition un-adjustment.	<p>A board is undetectable although ID information is on === _XXXX === exists. Is delete a ID information? When ' _XXXX ' is chosen, please put a Board on _XXXX .</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12635	Board condition un-adjustment.	Please remove the board of === _XXXX === and re-supply from upstream conveyer.	
12636	OVERWRITE ID INFORMATION?	ID information exists === _XXXX === in the moving destination. Do you want to overwrite?	
12637	DELETE ID INFORMATION?	ID information is deleted. After deletion cannot be revived. Is it all right?	
12647	Failed to create the folder.	Its name is wrong, or same name already exists.	
12649	Failed to delete the folder.	Please check whether the folder is read-only.	
12650	Failed to rename the folder.	Its name can not be be changed, or same name already exists.	
12652	Failed to remove the media.	Try to remove the media again later.	
12653	MEDIA SELECTION ERROR	It is not a removable media but a folder or unremovable media. Please select a removable media.	
12654	Failed to delete the tree view.	Failed to delete the tree view.	
12655	You can remove the media safely.	You can remove the media safely.	
12656	Please select a folder.	Please select a folder.	
12658	VERIFICATION OF MANUAL EXCHANGE NOZZLES	If the head has the correct nozzle, turn the check box to ON. The manual exchange nozzle which check box is OFF does not execute shaft cleaning blow.	

Ea : Application Error

No	Title	Message	Detail (Action)
12661	DATA CHECK ERROR	A setup repeated in the feeder set position. Two feeder set numbers are the same in the following position. Please check part information. Part number1 : _XXXX Part number2 : _XXXX Feeder set position : _XXXX	
12662	Media do not exist.	Please check a connection state and try again.	
12663	Opened motion measure log function.	Opened motion measure log function.	
12664	HOUR METER UPDATE ERROR	Input Time is smaller than the Hour Meter. Hour Mete is not updated.	
12665	More than one Print Setting is copied.	Only one Print Setting can be paste.	
12671	Vision Image Save	Saving vision images...	
12673	LOAD OF EMERGENCY HALFWAY CONITUE INFORMATION WHEN ABNORMAL END	Although "Halfway conitue" information is read automatically, this discontinuation information may not have restored the loading state completely. RESTORATION 1.When parts is mounting ,board fixed on main stopper. 2.Last mount posion confirm by Teach & Trace dialog. * When teach button pushed, head is traced by the mount position of the "Halfway conitue" informational last. 3.Please correct a check state of mount. When OK button pushed, halfway continue dialog is displayed.	
12675	Database file is not found.	Database file is not found.	
12679	SET UP GRIPPER NOZZLE TEACHING POSITION.	Calculating Nozzle direction and Pickup angle, you must teach a position to _XXXX of shape of component. Following values shifted to the point of pickup component. X Offset:_XXXX Y Offset:_XXXX	
12680	THE MISTAKE IS FOUND IN THE DATABASE SYNCHRONOUS SETTING.	Please confirm a set content by the machine setting. (It is a setting of the operation not supported.)	

Ea : Application Error

No	Title	Message	Detail (Action)
12681		DATABASE CANNOT BE RESTORED. The [_XXXX] file was not found in the backed-up media. If neither [database.fd] file nor [database.fdx] file exist when [Synchronous data base operation] is effective, it is not possible to restore it.	
12682	[Retry] is selected by the confirmation of manual retry	[Retry] is selected by the confirmation after Ea _XXXX .	
12683	[Not Retry] is selected by the confirmation of manual retry	[Not retry] is selected by the confirmation after Ea _XXXX .	
12685	DUMPING PARTS IS CANCELED	Dumping parts is canceled. Press [OK] button and start running then the machine will continue Auto Running.	
12686	<<WARNING>> Auto-running with data save function	The data save function for analysis while auto-running is ON. There is a possibility that tact time expands more than a usual auto-running. Moreover, there is a possibility that the disk volume is running short. Please turn it OFF in software setting when unnecessary.	
12687	SERVICE MODE	Service key is activated. Machine works in the service mode. Front _XXXX Rear _XXXX The machine works as follows during the service mode. - The safety cover can be opened in the state of servo ON. - axis speed under 250mm/sec. - Disable communication by RS232C and Ethernet	
12688	SERVICE MODE ERROR	The ACTIVE button on a side different from the service key that had been turned on now was pressed. The service mode inside can operate only the operation panel on the side to which the service key is turning on.	
12689	Media are write-protected.	Cause: Write-protection is applied to media. Measure: Please cancel write-protection of media.	
12690	Media are not formatted.	Cause: The media is using the format form that cannot support. Measure: Please perform a exchange for formatted media.	

Ea : Application Error

No	Title	Message	Detail (Action)
12691	Failed to access the "FEEDER ID LOG" file.	<p>"ID Individual Log" Save Folder. _XXXX</p> <p>Failed to access the path which is set at "ID Log Setting". There are some possibility that the path is not available. Production can be continued with following conditions.</p> <ol style="list-style-type: none"> 1. Set an available path at "ID Log Setting" in Application Setup. 2. The function "ID Log Management" should be set to "Disable" in Application Setup. Under this condition, it is not possible to count the Feeder Driven and Errors. 	<p>How to set the "ID Log Management" Please turn off the checkbox of "Feeder ID" which is on "Setup"- "SoftwareSetting"- "History"- "Unit Log Setting"- "ID Log".</p>
12692	Failed to access the "FEEDER ID LOG" file.	<p>"ID Individual Log" Save Folder. _XXXX</p> <p>To access information for the file on the external storage, was failed. There are some possibility of Device Impediment o Production can be continued with the following condition.</p> <ol style="list-style-type: none"> 1. The function "ID Log Management" should be set to "Disable" in Application Setup. 2. Count for Feeder Driven, Error, etc. are not totaled during this condition is kept. 	<p>Cause: There are some possibility that the path is not available.</p> <p>Measure: 1. Please check the server path "ID Individual Log" which is on "Setup"- "SoftwareSetting"- "History"- "Unit Log Setting"- "ID Log".</p> <p>2. Please invalidate the function when it is not solved by the problem. How to set the "ID Log Management" Please turn off the checkbox of "Feeder ID" which is on "Setup"- "SoftwareSetting"- "History"- "Unit Log Setting"- "ID Log".</p>
12693	Failed to write to the "FEEDER ID LOG" file.	There are not enough space can be used for it, because this disk is full. Please delete or remove some files to keep enough space.	
12694	Failed to write to the "FEEDER ID LOG" file.	The attribute of the disk or file may be set as "Read Only". Please check above.	
12695	Failed to write to the "FEEDER ID LOG" file.	feeder ID log file cannot be saved. It is in the state which cannot be written in. Please find a cause, and enable it to write.	
12698	Failed to write to the "NOZZLE ID LOG" file.	There are not enough space can be used for it, because this disk is full. Please delete or remove some files to keep enough space.	
12699	Failed to write to the "NOZZLE ID LOG" file.	The attribute of the disk or file may be set as "Read Only". Please check above.	
12700	Failed to write to the "NOZZLE ID LOG" file.	Nozzle ID log file cannot be saved. It is in the state which cannot be written in. Please find a cause, and enable it to write.	

Ea : Application Error

No	Title	Message	Detail (Action)
12704	Failed to access to the "NOZZLE ID LOG" file.	<p>_XXXX</p> <p>To update information for the file on the server, was failed. There are some possibility of Network Impediment. Please make sure the condition for above. Production can be continued with the following condition.</p> <ol style="list-style-type: none"> 1. The function "ID Log Management" should be set to "Disable" in Application Setup. 2. Count for Feeder Driven, Error, etc. are not totaled during this condition is kept. 	
12705	Failed to access to the "NOZZLE ID LOG" file.	<p>_XXXX</p> <p>To update information for the file on the external storage, was failed. There are some possibility of Device Impediment. Production can be continued with the following condition.</p> <ol style="list-style-type: none"> 1. The function "ID Log Management" should be set to "Disable" in Application Setup. 2. Count for Feeder Driven, Error, etc. are not totaled during this condition is kept. 	
12706	PARTS ADJUST COMMAND EXECUTION ERROR	<p>Parts setting is not correct. One of the following could cause this error:</p> <ul style="list-style-type: none"> - Alignment module setting is wrong. - Alignment type is not specified. - Body size is too big to recognize. - Pick or Mount action is set to FINE though no single camera exist. - No camera is set in machine setting. - Feeder set No. is set to 0. 	
12711	Failed to sort parts.	<p>Components information is stopped sorting parts in feeder set number. Components information is remained before it is sorted.</p>	
12712	CHARACTER DATA CONVERT	<p>Board data was converted.</p> <p>An illegal character is included in the board data. An illegal character converted as follows and read data.</p> <p>["] or [,]->[^] space->[_] other illegal character->[~] An available character is an alphanumeric character and the following signs. _!#\$%&'\\"'+-=@{}[]:.`^~*<>?/ ;</p> <p>Please don't save it by overwriting when you don't want to change the board data. Please remove the check from the following check box when you do not want to convert an illegal character automatically at of the board data reading. [Software Setting] - [History] - [Detail History setting] - [Full ASCII Output]</p>	<p>] -> [^] space -> [_] other illegal character -> [~] An available character is an alphanumeric character and the following signs. _!#\$%&'\\"'+-=@{}[]:.`^~*<>?/ ; Please don't save it by overwriting when you don't want to change the board data. Please remove the check from the following check box when you do not want to convert an illegal character automatically at of the board data reading. [Software Setting] - [History] - [Detail History setting] - [Full ASCII Output] ",",</p>

Ea : Application Error

No	Title	Message	Detail (Action)
12713	CHARACTER DATA WARNING	<p>Board data was not read.</p> <p>An illegal character is included in the board data. There is a possibility that the problem occurs when keeping operating it. Please correct it with off-line software.</p> <p>An available character is an alphanumeric character and the following signs. _!#\$%&'\\"/></p>	
12714	CONVEYOR	<p>Please put board on the entrance of conveyor.</p>	
12717	CREATE BOARD DATA FOLDER	<p>Creating board data folder...</p>	
12724	VACUUM CHECK	<p>Vacuum Check is executed.</p> <p>[OK] Vacuum Check is executed. [CANCEL] Abort.</p>	
12727	Auto running in all tables was stopped.	<p>When there is a table with pause status and error occurs in another table, the machine stops all tables.</p>	
12737	The tape cutters will be closed.	<p>The tape cutters are to be closed for the safety while the power supply of the machine is turned off.</p> <p>Please make sure the safety around tape cutters, and then press the [OK] button.</p> <p>It is unable to work the tape cutters, in the state of "Emergency Stop" or "Interlock". For that case, please try to make the state of "Servo On" at first.</p>	
12741	Auto Running is started from the beginning.	<p>- Block offset point of the board data is different from the last production. - Halfway Continue cannot be done.</p> <p>Is AutoRun begun from the mount of the first point?</p> <p>[Yes] :When the PCB exists in the mounting position, it is carried out to the exit position. Afterwards, the following PCB is carried into the mounting position, and an Auto-Running is started from the beginning without doing Halfway Continue.</p> <p>[No] :Not Execute</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12756	The plate occupation check function is disabled.	[Setting]-[Machine Information]-[Installation Setting]-[Check feeder plate occupation] is use. But the plate occupation check function becomes disabled, because a fixed tray part is included in this board data.	
12757	Please check dump station setting.	The feeder is set at the set position specified by setting the dump station. The way things are going, the occupation check cannot be correctly done. Cause: 1.The mistake is found in the setting of the dump station. 2.The position where the feeder is set is wrong. Action method: 1.Please confirm the setting of the dump station. [Setting]-[Machine Data]-[Mechanical]-[Position]-[Dump Station] Dump station number :_XXXX 2.Please change the position where the feeder is set. Feeder set number :_XXXX	
12758	An automatic revision function of the memory acted.	A false setting error of the memory occurred, and an automatic revision function of the memory acted. There is not the problem for the function of the machine and the production. Recommend you to exchange the system board. Please consult your distributor for further information.	
12762	An ini file was restored.	An ini file was restored.	
12763	An ini file is damaged.	An ini file is damaged.	
12767	Failed to save the 3D part recognition result data.	Failed to save the 3D part recognition result data. File Name:_XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
12769	Confirmation to revise the backup type	<p>It is different from the backup type used last time. When production begins without exchanging the backup, the conveyer and the backup might be damaged.</p> <p>Last backup type: _XXXX This backup type: _XXXX</p> <p>Please confirm the backup _XXXX used to produce is set up in the machine.</p> <p>Please select "Yes" when you confirm that it was set up. Please select "No" when you discontinue producing to confirm it later.</p>	
12774	TIMEOUT ERROR	<p>Failed to move head. Please check head condition.</p>	
12775	Failed the time matching	It was failed to the time matching.	<p>Please check following:</p> <ul style="list-style-type: none"> -This Machine is connected with the network. -Target PC name is correct. -Target PC is connected with the network. -This machine can refer to target PC. -Login User Name is correct. -Check Login Password.
12777	Reading the interrupted board data file is canceled.	<p>It is canceled to read the interrupted board data file. Because it is different between the folder specified with Board Data Location setting and the folder read the interrupted board data file.</p>	
12781	"HalfWayContinue" Impracticability warning.	<p>This data change is a data change that cannot be Auto-Run by "HalfWayContinue". Please do not change data when you want to continue Auto-Run by "HalfWayContinue" on the way by the reset PCB.</p> <p>"HalfWayContinue" becomes impracticability if it edits the mount number changes.</p> <p>Please select "Yes" when you continue this operation. Please select "No" when you want to halfway continue.</p> <p>When "No" is selected, the content of this edit is annulled.</p>	
12782	File Read Error	<p>It failed in reading the following file.</p> <p>File Path Name : _XXXX</p> <p>Please check the status of the file.</p>	
12783	Database Setting Error	<p>When [Handle a comment on database.] is active, you can not select following setting.</p> <ul style="list-style-type: none"> - [Enable(Check Key: Comment)] - [Enable(Check Key: Name & Comment)] 	

Ea : Application Error

No	Title	Message	Detail (Action)
12784	Database Setting Error	When [Parts Database Duplicate Check] setting is as follows, you can not use [Handle a comment on database.] - [Enable(Check Key: Comment)] - [Enable(Check Key: Name & Comment)]	
12785	Failed to read the report file	The history data was cleared because it had failed in reading the following histories. Operation is possible though there is a possibility that a part of history data has lost. If this error occurs frequently, there is a possibility that the disk is abnormal. Please consult your distributor for further information with this error number. _XXXX	
12792	Please confirm whether the PCB exists.	The PCB that is sure to exist at the _XXXX is not reactive to the sensor. Please confirm the existence of the PCB by watching. Is there a PCB? Yes: The PCB exists. An automatic driving is continued as it is. No: The PCB doesn't exist. An automatic driving begins, and the substrate is carried into the _XXXX . Please select here when you remove the PCB by the hand.	
12795	Downloading I/O board firmware.	I/O board firmware was changed. Now downloading I/O board firmware. Please wait for 1 - 2 minutes.	
12804	Import was completed	Import was completed.	
12805	Export was completed	Export was completed.	
12806	Failed in the import	Failed in the import.	
12807	Failed in the export	Failed in the export.	

Ea : Application Error

No	Title	Message	Detail (Action)
12808	The board data cannot be read.	It is not possible to read to the specified lane.	
12809	The board data cannot be saved.	The specified lane cannot be saved.	
12810	Halfway.Dat file writing error.	<p>It failed in writing the halfway information in Halfway.Dat file. Can not halfway continue for the present board data. It may become possible by retrying.</p> <p>Folder name:_XXXX File name:_XXXX</p> <p>Do you want to retry writing?</p> <p>Yes: retry. No: not retry.</p> <p>Possible causes the network. Other applications are open. Drive full. Drive damaged.</p> <p>Measures: Confirm the state of the network. End the other application softwares. Delete unnecessary files, and make enough space on the disk. Confirm the state of the disk.</p>	
12811	It cannot be executed.	It cannot be executed with the specified lane.	
12815	Smart Recognition Error	<p>Result from checking detected edges, this parts is not applicable for Smart Recognition.</p> <p>Check the following items, and get image again.</p> <p>[Cause] The number of detected edges is too small.</p> <p>[Countermeasure] 1. Select detected area to enclose whole parts. 2. Change the light setting. - Light type - Light level</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12816	Smart Recognition Error	<p>Result from checking detected edges, no edges can be detected.</p> <p>Check the following items, and get image again.</p> <p>[Cause] The number of detected edges is 0.</p> <p>[Countermeasure] 1. Pick up the parts at center of the nozzle. 2. Change the light setting. - Kind of light - Light level</p>	
12817	Smart Recognition Error	<p>Result from checking detected edges, the work area for detecting edges is over flow.</p> <p>Check the following items, and get image again.</p> <p>[Cause] The area for detecting edges is too large.</p> <p>[Countermeasure] If the area for detecting edges is too large, select minimum area for enclosing whole parts.</p>	
12818	Smart Recognition Error	<p>The number of edges is illegal.</p> <p>Check the following items.</p> <p>[Cause] The number of edges is as below. 0 - 99 1000 -</p> <p>[Countermeasure] Adjust the number of edges to 100 - 999 as follows.</p> <p>In case of 0 - 99 1. Undo to erase edges. 2. Down edge threshold. 3. Down compress level.</p> <p>In case of 1000 - 1. Erase the unnecessary edges. 2. Up edge threshold. 3. Up compress level.</p>	
12820	Smart Recognition Error	<p>No parts image for Smart Recognition.</p> <p>Pick up the parts and get image.</p>	
12821	Smart Recognition Error	<p>Failed to detected the edges.</p>	
12825	FAILED TO BOARD FIX	<p>Failed to fix Board. Please retry to close Teach dialog and open again. In the case of not reset status, please push the reset button.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12826	Print Mode' mismatch	Print Mode' to 'sequential' the board can not select more than one. For a 'sequential' one, if not please select the 'standard' one or two.	
12828	Braider film pressure indication warning	The braider film pressure that is necessary for this board data. [_XXXX]	
12829	Please delete the HALFWAY.DAT file.	<p>It failed in writing the interruption information file. Please delete an existing file.</p> <p>Folder name: _XXXX File name: _XXXX</p> <p>Measures: Please delete an existing file. The interruption information file cannot be used when reset is executed, and confirm the entrucking point, please by hand power when installing it on the way.</p> <p>Please remove the substrate under mounting by the hand after pressing the emergency stop when not installing it on the way.</p> <p>- Please never install it on the way with the file left.</p> <p>Please delete the interruption information file preserved now. When the file is left left it connects with the stockout equipped with</p>	
12830	Halfwat.Dat file read error.	<p>It failed in reading the interruption information file. It is not possible to install it to a present substrate as it is on the way.</p> <p>Folder name: _XXXX File name: _XXXX</p> <p>Do it read and do it retry?</p> <p>Yes: ..retrying.. No: It doesn't retry.</p> <p>It becomes impossible The cause: to refer to the network. The interruption information file has been damaged.</p> <p>Measures: Please confirm the state of network. Please confirm the state of the interruption information file.</p> <p>It becomes impossible to install on the way after it resets it when [sezuwo] is selected of retrying. Please remove by the hand after pressing the emergency stop when a present substrate is mounting.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12831	The HALFWAY.DAT file is deleted.	<p>It failed in reading the interruption information file. An existing interruption information file is deleted.</p> <p>Folder name: _XXXX File name: _XXXX</p> <p>There is a possibility that the filesystem has been damaged. The interruption information file is deleted because it leads to the unmounting and the mis-mounting.</p> <p>Is an existing interruption information file deleted?</p> <p>Yes: The deletion execution. No: It doesn't delete it in this place.</p> <p>Please delete it by hand power when you select a good getting.</p> <p>Please remove by the hand after pressing the emergency stop when a present substrate is mounting.</p>	
12832	Deletion success of HALFWAY.DAT file	<p>The interruption information file was deleted.</p> <p>Folder name: _XXXX File name: _XXXX</p> <p>Please remove by the hand after pressing the emergency stop when a present substrate is mounting.</p>	
12833	Deletion failure of HALFWAY.DAT file.	<p>The interruption information file was not able to be deleted.</p> <p>The way things are going, installing cannot be judged on the way, and it connects equipped with the stockout and the multiple etc.</p> <p>Please delete the interruption information file by hand power.</p> <p>Folder name: _XXXX File name: _XXXX</p> <p>Please remove by the hand after pressing the emergency stop when a present substrate is mounting.</p>	
12834	Deletion unexecution of HALFWAY.DAT file.	<p>The interruption information file was not deleted.</p> <p>The way things are going, installing cannot be judged on the way, and it connects equipped with the stockout and the multiple etc.</p> <p>Please delete the interruption information file by hand power.</p> <p>Folder name: _XXXX File name: _XXXX</p> <p>Please remove by the hand after pressing the emergency stop when a present substrate is mounting.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12845	Low Level Buffing Error	<p><Low Level Buffing Error></p> <p>The nozzle has slight friction with the buffing action. Proceed maintenance operation and confirm whether the buffing action is smooth.</p> <p>Even if the buffing action is smooth, when the following setting have wrong value, this error will occur. (1)[Buffing check spec]-[Blow STN height] (2)[Nozzle Data]-[Length]</p>	
12846	Middle Level Buffing Error	<p><Middle Level Buffing Error></p> <p>The nozzle has friction with the buffing action, or the nozzle is clogged up. Proceed maintenance operation for the nozzle. If nozzle don't recover good condition, recommend exchange to spare nozzle.</p> <p>Even if the buffing action is smooth, when the following setting have wrong value, this error will occur. (1)[Buffing check spec]-[Blow STN height] (2)[Nozzle Data]-[Length] (3)[Nozzle Data]-[Buffing]</p>	
12847	High Level Buffing Error	<p><High Level Buffing Error></p> <p>The nozzle buffing action is fixed, or its friction is very heavy. Stop using the nonfunctional nozzle and proceed maintenance operation. If nozzle don't recover good condition, exchange to spare nozzle.</p> <p>Even if the buffing action is smooth, when the following setting have wrong value, this error will occur. (1)[Buffing check spec]-[Blow STN height] (2)[Nozzle Data]-[Length] (3)[Nozzle Data]-[Buffing]</p>	
12849	Failed to read the Log Back Up File.	<p>Failed to read the Log Back Up File. The Log was not recovered.</p> <p>Log Name: _XXXX Path: _XXXX</p> <p>There are a possibilities that the back up file is damaged. The back up file is deleted.</p>	<p>[Cause] Network condition is abnormal.(if you use network save) Back up log file is damaged.</p> <p>[Counter measure] Please confirm the condition of network communication with asking it to your manager.</p> <p>If this error occurs with each cycle, there is a possibility that the disk is abnormal. Please consult your distributor for further information with this error number.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
12850	Failed to recover the Log File.	<p>Failed to write the Log file from back up log file to master log file. The master log was not recovered.</p> <p>Log Name: _XXXX</p> <p>The back up log file is deleted.</p>	<p>[Cause] Network condition is abnormal.(if you use network save) Master log file is damaged.</p> <p>[Counter measure] Please confirm the condition of network communication with asking it to your manager.</p> <p>If this error occurs with each cycle, there is a possibility that the disk is abnormal. Please consult your distributor for further information with this error number.</p>
12852	BADMARK RESULT TRANSPORT ERROR	Board Name of the transmitted data and Board Name under the selection are different because of the check on the forwarding data of transport badmark result.	<p>[Cause] The program name under the selection is different from the program name of the forwarding data.</p> <p>[Countermeasure] <ul style="list-style-type: none"> • Please correct the data that became a disagreement, and turn it on from the upstream equipment again. • Please invalidate "Program name check" when the check on the program name is unnecessary. Check the upload path by [Software Setting] - [Basic] - [TakeOver Setting]. </p> <p>Program Name Board Data : _XXXX Trans Data : _XXXX</p>
12853	BADMARK RESULT TRANSPORT ERROR	The forwarded number of data and the number of data under selections are different because of the check on the forwarding data of transport badmark result.	<p>[Cause] The number of data is different in the substrate data and the forwarding data.</p> <p>[Countermeasure] Please correct the data that became a disagreement, and turn it on from the upstream equipment again.</p> <p>BoardBlockLocal Board Data : _XXXX _XXXX _XXXX Trans Data : _XXXX _XXXX _XXXX</p>

Ea : Application Error

No	Title	Message	Detail (Action)
12854	BADMARK RESULT TRANSPORT ERROR	Data other than having recognized it by checking the forwarding data of transport badmark result were detected.	<p>[Cause] The number of data is different in the substrate data and the forwarding data.</p> <p>[Countermeasure] Please correct the data that became a disagreement, and turn it on from the upstream equipment again.</p>
12855	BADMARK RESULT TRANSPORT ERROR	It failed in reading transport badmark result file.	<p>[Cause] It failed in reading transport badmark result file.</p> <p>[Countermeasure] Please confirm the folder set to input information can be read. Check the upload path by [Software Setting] - [Basic] - [TakeOver Setting].</p>
12856	BADMARK RESULT TRANSPORT ERROR	It failed in writing transport badmark result file.	<p>[Cause] It failed in writing transport badmark result file.</p> <p>[Countermeasure] <ul style="list-style-type: none"> Please confirm the folder set to output information can be written. Check the download path by [Software Setting] - [Basic] - [TakeOver Setting]. <ul style="list-style-type: none"> Please do the output control when the output is unnecessary. Please nullify the check on "XXX" by [Software Setting] - [Basic] - [TakeOver Setting]. <p>file name : _XXXX</p> </p>
12859	TakeOver Setting Error	The combination that was not able to be operated was specified.	<p>[Cause] "Upload" is not used, and "Recovery" is also invalid.</p> <p>[Countermeasure] Please make "Recovery" effective when you do not use "Upload".</p>
12862	Failed to sort programs.	Components information is stopped sorting programs. Components information is remained before it is sorted.	
12864	Syntax check success.	Syntax check success. It has no error.	

Ea : Application Error

No	Title	Message	Detail (Action)
12865	Syntax check failure.	There is an error in the program. Please correct the program. Please confirm error information on [Program] - [Program] - [Debug] window.	
12872	TakeOver Setting Error	The combination that was not able to be operated was specified.	<p>[Cause] A setup has become the following by the machine by which a setup is [Machine Data]-[Mechanical]-[Position]-[BadMark]-[TakeOver]-[Enable(Leadoff)]. - "Upload" is effective. - "Recovery" is invalid.</p> <p>[Countermeasure] The machine set to [Machine Data]-[Mechanical]-[Position]-[BadMark]-[TakeOver]-[Enable(Leadoff)], please make "Upload" is invalid and "Recovery" is effective.</p>
12873	Please visually confirm that the board exists or not.	<p>Couldn't find the board. Please visually confirm that the board exists or not at the following position. And please execute following operations.</p> <p>_XXXX</p> <p>Exists: Click the [Yes] button. : Start auto-running, and the board is carried out. : If you don't want to carry out, press the [EMERGENCY STOP] button to remove the board by hand.</p> <p>Not exists: Click the [No] button. : Select this if you had removed the board by hand.</p>	
12874	Repair work un-completing after a serious error	<p>There is a possibility that the printed board has fallen, reset is impossible.</p> <p>Cause After serious error generating, since the following repair work is not performed, reset is impossible. • A mask clamp is released and the printed board is not removed.</p> <p>Please restore according to the following procedures to resume operation. 1. Please push an emergency stop button and remove a mask. 2. Please check and remove the state of the board of a print position. 3. Please start operation again after performing reset.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12875	Repair work un-completing after a serious error	<p>There is a possibility that the printed board has fallen, operation cannot be started.</p> <p>Cause After serious error generating, since the following repair work is not performed, operation cannot be started.</p> <ul style="list-style-type: none"> • A mask clamp is released and the printed board is not removed. • Reset is not performed. <p>Please restore according to the following procedures to resume operation.</p> <ol style="list-style-type: none"> 1.Please push an emergency stop button and remove a mask. 2.Please check and remove the state of the board of a print position. 3.Please start operation again after performing reset. 	
12880	Repair work un-completing after a serious error	<p>There is a possibility that the printed board has fallen, reset is impossible.</p> <p>Cause After serious error generating, since the following repair work is not performed, reset is impossible.</p> <ul style="list-style-type: none"> - A mask clamp is released and the printed board is not removed. - Reset is not performed. - Fixed release of the board is not carried out. <p>Please restore according to the following procedures to resume operation.</p> <ol style="list-style-type: none"> 1.Please push an emergency stop button and remove a mask. 2.Please check and remove the state of the board of a print position. 3.Please perform reset. 4.Please carry out board fixed release from [Unit]-[Conveyor]. 5.Please start operation again. 	
12881	Repair work un-completing after a serious error	<p>There is a possibility that the printed board has fallen, operation cannot be started.</p> <p>Cause After serious error generating, since the following repair work is not performed, operation cannot be started.</p> <ul style="list-style-type: none"> - A mask clamp is released and the printed board is not removed. - Reset is not performed. - Fixed release of the board is not carried out. <p>Please restore according to the following procedures to resume operation.</p> <ol style="list-style-type: none"> 1.Please push an emergency stop button and remove a mask. 2.Please check and remove the state of the board of a print position. 3.Please perform reset. 4.Please carry out board fixed release from [Unit]-[Conveyor]. 5.Please start operation again. 	

Ea : Application Error

No	Title	Message	Detail (Action)
12884	PARTS DUMP AND RESET	<p>Some heads may still have parts. Does it reset without dumping parts?</p> <p>[YES] Reset without Dump [NO] Dump And Reset [CANCEL] Reset Cancel</p> <p>* If you select [NO], Attention that all parts are dumped at dump position regardless of dump way setting.</p>	
12885	PARTS DUMP AND RESET	<p>Some heads may still have parts. Does it reset without dumping parts?</p> <p>[YES] Reset without Dump [NO] Dump And Reset [CANCEL] Reset Cancel</p> <p>* If you select [NO], Attention that all parts are dumped at dump position regardless of dump way setting. * Mount ends on the way. When Board exists at the MAIN STOPPER position, HALFWAY CONTINUE can be execute by CANCEL and restarting Auto Run.</p>	
12886	PARTS DUMP AND RUN	<p>Some heads of machine or tray changer may still have parts. Does it start Auto Run without dumping parts?</p> <p>[YES] AutoRun without Dump [NO] Dump And AutoRun [CANCEL] AutoRun Cancel</p>	
12887	PARTS DUMP SWITCH BOARD	<p>Some heads of machine or tray changer may still have parts. Do you dump parts after switching the board?</p> <p>[OK] Dump And SwitchBoard [CANCEL] SwitchBoard Cancel</p>	
12888	Repair work un-completing after a serious error	<p>There is a possibility that the printed board has fallen, board fixed release cannot be carried out.</p> <p>Cause After serious error generating, since the following repair work is not performed, board fixed release cannot be carried out. - A mask clamp is released and the printed board is not removed. - Reset is not performed.</p> <p>Please restore according to the following procedures to resume operation. 1.Please push an emergency stop button and remove a mask. 2.Please check and remove the state of the board of a print position. 3.Please perform reset. 4.Please carry out board fixed release from [Unit]-[Conveyor]. 5.Please start operation again.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
12892	Searching the board action is failed.	<p>Searching the board action is failed.</p> <p>[Countermeasure]</p> <p>1. After clear this message, please move the board following the recovery message.</p> <p>2. If the board was removed, please execute Reset.</p>	
12893	Unknown board is detected on conveyor.	<p>Unknown board is detected on conveyor.</p> <p>Please execute one of the following measures, and start auto-running.</p> <p>Measure:</p> <p>1. Please remove the board on conveyor.</p> <p>2. Please execute Halfway Continue.</p>	
12894	Please confirm that the board exists or not.	<p>Can't find the board which was there at the last auto-running.</p> <p>_XXXX</p> <p>Please confirm that the board exists or not at above position.</p> <p>Exists : Click the [Yes] button.</p> <p>: After clear this message,</p> <p>: please move the board following the recovery message.</p> <p>Not Exists : Click the [No] button.</p> <p>: Select this if you had removed the board by hand.</p>	
12895	More than one USB mouse has been connected.	<p>Action List for recovery:</p> <p>Connect only one USB mouse, please re-activate.</p> <p>Reason:</p> <p>More than one USB mouse has been connected.</p> <p>To be safe, stopped all the USB mice.</p>	
12896	More than one USB keyboard has been connected.	<p>Action List for recovery:</p> <p>Connect only one USB keyboard, please re-activate.</p> <p>Reason:</p> <p>More than one USB keyboard has been connected.</p> <p>To be safe, stopped all the USB keyboards.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17499	System Error	Saving the board data is canceled because of a system error. Please consult your distributor for further information with this error number.	
17514	BOARD DATA ERROR	Mount position is outside moving area. Component data _XXXX Name _XXXX Axes _XXXX	
17515	File Read Error	Failed to read "Nozzle Priority Setting File". Normal nozzle priority is set and optimization is excuted. _XXXX	
17516	Failed to delete temp optimizinig data.	Machine _XXXX Board _XXXX	
17517	Failed to make temp optimizinig data.	Machine _XXXX Board _XXXX	
17518	DATA CHECK ERROR	"Part Group Number" is contradicted between machines. Machine _XXXX	
17521	WARNING!	"Part Group Number" is contradicted between machines. Board Name : _XXXX Source Machine : _XXXX Source Component : _XXXX Name _XXXX Reference Machine : _XXXX Reference Component : _XXXX Name _XXXX	
17522	WARNING!	"Part Group Number" is contradicted between machines. Board Name : _XXXX Source Machine : _XXXX Source Component : _XXXX Name : _XXXX Reference Machine : _XXXX Reference Component : _XXXX Name : _XXXX Do you continue?	
17550	Template name non-input.	Please input a template name.	
17551	File Read Error	There is not specified template file. Template File Name:_XXXX	
17552	File Read Error	Failed to read of specified template file. Template File Name:_XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
17553	File Write Error	Failed to write of specified template file. Template File Name:_XXXX	
17556	Maximum number of characters exceeded!	The number of characters of the save Board name exceeded a limitation (_XXXX characters). Please change the save board name or type.	
17601	Mount table of parts is not found.	This parts which is specified mount table has invalid feeder set number. Machine :_XXXX Parts Number:_XXXX Name :_XXXX Please check feeder set number of this part.	
17602	Invalid feeder set number.	The following parts are assigned feeder set position, but this position is not valid. Machine :_XXXX Parts Number:_XXXX Name :_XXXX Please check feeder set number of this part.	
17603	Invalid feeder set number.	These parts which have "Teaching" in its "Pos. Definition" have invalid feeder set number. Machine :_XXXX Parts Number:_XXXX Name :_XXXX Please check feeder set number of this part.	
17606	Optimization Error	Optimizer cannot handle this parts. Machine :_XXXX Parts Number:_XXXX Name :_XXXX Optimizer cannot handle "Wafer Tray Changer".	
17608	Dump Station Collision Error	The following dump station collides with static parts or fixed Boards. Machine :_XXXX DumpStation Set Number:_XXXX Please check by "Feeder Viewer".	
17609	Reel Layout Error	The reels of the parts in fixed board cannot be set on the reel holder. Machine :_XXXX Please reduce parts of fixed board.	
17616	Shortage of Feeder [Feeder Type]	The number of feeder in board data exceeds the number of possession registered. Feeder Type :_XXXX Feeder Possession Total :_XXXX Board Data :_XXXX Please check "Maintenance -> Feeder Number Information".	

Ea : Application Error

No	Title	Message	Detail (Action)
17617	Shortage of Feeder [Feeder Group]	The number of feeder of Feeder Group exceeds the number of possession registered, During executing auto distribution. Feeder Group : _XXXX Feeder Type : _XXXX Feeder Possession Total : _XXXX Board Data : _XXXX Please check "Maintenance -> Feeder Number Information".	
17618	Shortage of Nozzle [Possession Number Setting]	The number of used nozzle exceeds the number of possession registered. Machine : _XXXX Nozzle Type : _XXXX Used : _XXXX Possession : _XXXX Please check "Maintenance -> Nozzle Number Information". The number of used nozzle includes nozzle on FNC port and Nozzle Station.	
17619	Scan Camera Height Interference Error	The following parts interfere with scan camera when picked up. Machine : _XXXX Parts number : _XXXX Parts name : _XXXX Please check "body size Z" .	
17620	Scan Camera Height Interference Error	In the following part, a scanning camera caused height interference with mounted part. Machine : _XXXX Parts number : _XXXX Parts name : _XXXX Interference machine : _XXXX Move this part to other downstream machine.	
17630	Parts Group Number Error [User Specification]	The stage order of following two parts which have Parts Group Number is reversed. Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX Please check the following. -- Parts Info. : "Parts Group Number" -- Optimizer : "Feeder Set Condition"	
17631	Parts Group Number Error [Order Reversion]	These parts cannot be distributed to the stage which does not make inversion of Parts Group Number. Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX These parts are conflicted with the following parts. Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX Please check the following. -- Parts Info. : "Parts Group Number" -- Optimizer : "Feeder Set Condition"	

Ea : Application Error

No	Title	Message	Detail (Action)
17632	Parts Group Number Error [Auto Distribution]	<p>The following two parts cannot be distributed to the stage which does not make inversion of Parts Group Number.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX</p> <p>Please check the following.</p> <p>-- Parts Info. : "Parts Group Number" -- Optimizer : "Feeder Set Condition"</p>	
17633	Parts Thickness Order Error [User Specification]	<p>The stage order of and parts thickness are reversed with the following two parts.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts thickness : _XXXX Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts thickness : _XXXX</p> <p>Please check the following.</p> <p>-- Optimizer : "Feeder Set Condition", "Height difference to permit overtaking".</p>	
17634	Parts Thickness Order Error [Order Reversion]	<p>This parts cannot be distributed to the stage which does not make inversion of parts thickness.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts thickness : _XXXX</p> <p>These parts are conflicted with the following parts.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts thickness : _XXXX</p> <p>Please check the following.</p> <p>-- Optimizer : "Feeder Set Condition", "Height difference to permit overtaking".</p>	
17635	Parts Thickness Order Error [Auto Distribution]	<p>The following two parts cannot be distributed to the stage which does not make inversion of parts thickness.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts thickness : _XXXX Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts thickness : _XXXX</p> <p>Please check the following.</p> <p>-- Optimizer : "Feeder Set Condition", "Height difference to permit overtaking".</p>	
17636	Parts Group Number Error [User Specification]	<p>Those parts which have Parts Group Number cannot be distributed to separate tables.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX</p> <p>Please check "parts Group Number" and "Feeder Set Condition" of Optimizer.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17637	Parts Group Number Error [Auto Distribution]	<p>These parts are distributed to different tables in machine "_XXXX". They need to be collected on the same table because this machine cannot handle those parts which have Parts Group Number.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Parts Group Number : _XXXX</p> <p>Please check "parts Group Number" and "Feeder Set Condition" of Optimizer.</p>	
17638	Mounting order conflict	<p>There is a mounting order conflict between these parts.</p> <p>Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX</p> <p>Please check "Parts Group Number" and "Height difference to permit overtaking".</p>	
17639	Mounting order conflict	<p>There is a mounting order conflict between these parts on the tables in the same stage.</p> <p>Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX</p> <p>Please check "Parts Group Number" and "Height difference to permit overtaking".</p>	
17640	Alternative Parts Distribution Error	<p>These parts which are on same alternative parts loop cannot be distributed to same table.</p> <p>Machine : _XXXX , Parts Number: _XXXX , Parts Name : _XXXX Parts Number: _XXXX , Parts Name : _XXXX</p> <p>Please check the following.</p> <p>-- Parts Data : "Feeder Set No.", "Use Feeder Optimize" -- Optimizer : "Feeder Set Condition"</p>	
17641	Multistick Parts Distribution Error	<p>These parts which are on same multistick feeder cannot distribute to same table.</p> <p>Machine : _XXXX Parts Number: _XXXX , parts Name : _XXXX Parts Number: _XXXX , parts Name : _XXXX</p> <p>Please check the following.</p> <p>-- Parts Data : "Parts Group No", "Use Feeder Optimize" -- Optimizer : "Feeder Set Condition"</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17642	Mounting Order Error [User Specification]	<p>The stage order of following two mounts which have Group Order is reversed.</p> <p>Machine: _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Mount Number: _XXXX , Pattern Name: _XXXX Group ID: _XXXX , Group Order: _XXXX</p> <p>Machine: _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Mount Number: _XXXX , Pattern Name: _XXXX Group ID: _XXXX , Group Order: _XXXX</p> <p>Please check the following.</p> <p>-- Mounts Info : "Group ID", "Group Order" -- Optimizer : "Feeder Set Condition"</p>	
17643	Mounting Order Error [Order Reversion]	<p>These parts cannot be distributed to the stage which does not make inversion of Group Order.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Mount Number : _XXXX Pattern Name: _XXXX , Group ID: _XXXX , Group Order: _XXXX</p> <p>These mounts are conflicted with the following mounts.</p> <p>Machine : _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Mount Number : _XXXX Pattern Name: _XXXX , Group ID: _XXXX , Group Order: _XXXX</p> <p>Please check the following.</p> <p>-- Mounts Info : "Group ID", "Group Order" -- Optimizer : "Feeder Set Condition"</p>	
17644	Mounting Order Error [Auto Distribution]	<p>The following two parts cannot be distributed to the stage which does not make inversion of Group Order.</p> <p>Machine: _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Mount Number: _XXXX , Pattern Name: _XXXX Group ID: _XXXX , Group Order: _XXXX</p> <p>Machine: _XXXX , Parts Number: _XXXX Parts Name: _XXXX , Mount Number: _XXXX , Pattern Name: _XXXX Group ID: _XXXX , Group Order: _XXXX</p> <p>Please check the following.</p> <p>-- Mounts Info : "Group ID", "Group Order" -- Optimizer : "Feeder Set Condition"</p>	
17645	Mounting order conflict	<p>There is a group order conflict between these Mounts.</p> <p>Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX Mount Number: _XXXX , Pattern Name: _XXXX Group ID: _XXXX , Group Order: _XXXX</p> <p>Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX Mount Number: _XXXX , Pattern Name: _XXXX Group ID: _XXXX , Group Order: _XXXX</p> <p>Please check "Group ID", "Group Order" and "Height difference to permit overtaking".</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17646	Mounting order conflict	<p>There is a mounting order conflict between these parts on the tables in the same stage.</p> <p>Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX Machine: _XXXX , Parts Number: _XXXX , Parts Name: _XXXX</p> <p>Please check "Height difference to permit overtaking".</p>	
17647	Pallet Pitch Error	<p>Because sum of parts height and tray height is too High, parts could not put to tray changer.</p> <p>Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX</p> <p>Please check the following . -- Body size Z -- Tray Height</p>	
17652	Pallet Number Error [Auto TC]	<p>There is no Auto TC which suits pallet number of following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Pallet No. : Start _XXXX , Last _XXXX Please check pallet Number of parts and tray changer.</p>	
17653	Pallet Number Error [Ext. TC]	<p>There is no Ext. TC which suits pallet number of following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Pallet No. : Start _XXXX , Last _XXXX Please check pallet Number of parts and tray changer.</p>	
17654	Pallet number is overlapping.	<p>Pallet number of following parts is overlapping .</p> <p>Machine:_XXXX Fixed Parts Parts Number : _XXXX Parts Name : _XXXX Used Pallet Number : from _XXXX to _XXXX Fixed board / Static parts Parts Number : _XXXX Parts Name : _XXXX Used Pallet Number : from _XXXX to _XXXX</p> <p>Please change pallet number and avoid overlapping.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17655	Pallet number is overlapping.	<p>Pallet number of following parts is overlapping .</p> <p>Machine: _XXXX</p> <p>Fixed parts1</p> <p>Parts Number : _XXXX Parts Name : _XXXX</p> <p>Used Pallet Number : from _XXXX to _XXXX</p> <p>Fixed parts 2</p> <p>Parts Number : _XXXX Parts Name : _XXXX</p> <p>Used Pallet Number : from _XXXX to _XXXX</p> <p>Please change pallet number and avoid overlapping.</p>	
17656	Pallet number setting error [Alternative parts.]	<p>Optimizer could not set pallet number of alternative parts including following parts.</p> <p>Parts Number: _XXXX</p> <p>Parts Name : _XXXX</p> <p>Alternative parts are constrained as follows.</p> <p>-- If the parts is set to YG's sATS or Xg's ATS-M, max size of group is magazine size.</p> <p>-- If the parts is set to the others T.C, max size of group is stage or table size.</p> <p>Please check constraint, and modify parts setting.</p>	
17657	Pallet overflow	<p>Some of parts cannot be set pallet number, because of insufficiency of pallet space or constraint.</p> <p>Number of Failed Tray Parts : _XXXX</p> <p>Pallet Size of Failed Tray Parts : _XXXX</p> <p>Please modify setting of tray parts to use pallet space efficiently.</p> <p>-- Decrease pallet size of each tray parts.</p> <p>-- Concentrate pallet space of fixed board and static parts.</p> <p>-- Concentrate pallet space of fixed parts.</p>	
17659	The pallet supplying parts interferes with the dump pallet.	<p>The pallet that supplies the following parts interferes with the dump pallet.</p> <p>Machine : _XXXX</p> <p>Parts Number: _XXXX</p> <p>Parts Name : _XXXX</p> <p>Pallet No. : Start _XXXX , Last _XXXX</p> <p>Please check pallet Number of parts and tray changer.</p>	
17660	Dump Station Not Found [Specified Machine]	<p>"Dump Way" of following parts is "Station", but this machine is not equipped with dump station.</p> <p>Machine : _XXXX</p> <p>Parts Number: _XXXX</p> <p>Parts Name : _XXXX</p> <p>Please check the following.</p> <p>-- "Dump Way" of part</p> <p>-- Dump Station Setting of "Machine Property".</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17662	Illegal Feeder Set No. [Fix TF]	Feeder Set Number of following Fix TF parts is Illegal. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Feeder Set No." of this parts.	
17686	COPLANARITY CHECKER FINE MODE ERROR	Coplanarity checker cannot handle FINE mode component (Single camera). Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please set the Mount Action parameter except "FINE" or set the co-planarity parameter "NotUse".	
17687	3D Camera Not Found [Machine]	The following parts which use coplanarity checker are not valid because the machine is not equipped with 3D-Camera. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check the followings. -- 3D-Coplanarity Threshold and board info. -- Camera spec.	
17693	Dump Station Position Error	The following parts which use dump station can not be distributed because the position of dump station is out of moving range for some head in the table. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check dump way of the parts and check the position of Dump station by Machine Property.	
17694	Feeder Plate Error	These parts cannot be distributed on feeder plates due to condition of Optimizer. Machine : _XXXX Parts Number : _XXXX Parts Name : _XXXX Please check the following feeder plate setting of Optimizer. Machine : _XXXX Feeder Plate Number : _XXXX	
17695	Feeder Plate Error	No feeder plates are available on the machine below due to condition of Optimizer. Machine : _XXXX Please check feeder plate setting of Optimizer.	
17696	Fiducial Error	The fiducial data which is referred by the following mount data is not correct. Machine : _XXXX Mount Number: _XXXX Mount Name : _XXXX Fiducial : _XXXX Please check Fiducial and Mark.	

Ea : Application Error

No	Title	Message	Detail (Action)
17697	Badmark Error	The Badmark which is referred by the following mount data is not correct. Machine : _XXXX Mount Number: _XXXX Mount Name : _XXXX Badmark : _XXXX Please check Badmark and Mark.	
17698	Standard Data Error	The following parts cannot move to the suitable machine, because standard Data is different between the machines. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check the following. --- Board Data : fiducial and badmark of each machine. --- Optimizer : "Standard Data Unification" of Common Setting.	
17703	Nozzle Attachment Error [Head Spec]	All types of nozzles cannot be attached to the following head. Machine : _XXXX Table : _XXXX Head Number : _XXXX Please check "Head Spec". Please set this head type "None", if you do not want to use.	
17704	Nozzle Attachment Error [Nozzle Change]	All types of nozzles cannot be attached to the following head. Machine : _XXXX Table : _XXXX Head Number : _XXXX Please check "Flying Nozzle Spec" , "Nozzle Station". Please set this head type "None", if you do not want to use.	
17705	Nozzle Attachment Error [Collision]	All type of nozzle cannot attach to following head, because it will collide with another head. Machine : _XXXX Table : _XXXX Head Number : _XXXX Please set this head type "None", if you do not want to use.	
17706	Nozzle Attachment Error [Nozzle Shortage]	The following head cannot attach any type of nozzle. The number of used nozzle exceeds the number of possession registered. Machine : _XXXX Table : _XXXX Head Number : _XXXX Please check "Maintenance -> Nozzle Number Information". Please set this head type "None", if you do not want to use.	
17707	Nozzle Attachment Error [Head Spec]	There is no head which can attach nozzle for following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Nozzle Type : _XXXX Please check "Head Spec".	

Ea : Application Error

No	Title	Message	Detail (Action)
17708	Nozzle Attachment Error [Nozzle Change]	There is no head which can attach nozzle for following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Nozzle Type : _XXXX Please check "Flying Nozzle Spec" and "Nozzle Station".	
17709	Nozzle Attachment Error [Collision]	There is no head which can attach nozzle for following part, because it will collide with another head. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Nozzle Type : _XXXX Please check nozzle type of this parts .	
17710	Nozzle Attachment Error [Nozzle Shortage]	This type of nozzle required by the following parts cannot be attached, because there are few nozzles left. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Nozzle Type : _XXXX Please check "Maintenance -> Nozzle Number Information".	
17711	Nozzle Attachment Error [Head Spec]	There are no heads in the line that nozzles with compatible following parts can be attached to. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Head Spec" of each machine.	
17712	Nozzle Attachment Error [Nozzle Change]	There are no heads in the line that nozzles with compatible following parts can be attached to. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Flying Nozzle Spec" and "Nozzle Station".	
17713	Nozzle Attachment Error [Collision]	There are no heads in the line that nozzles required by the following parts can be attached to. Machine : _XXXX Parts Number: _XXXX , Parts Name : _XXXX These parts will collide with nozzles around the following head if they are picked up by this head. Machine : _XXXX Table : _XXXX , Head Number : _XXXX Please check nozzle type of the parts .	
17714	Nozzle Attachment Error [Nozzle Shortage]	The following parts cannot be picked up because there are few nozzles left. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check the number of nozzles attached to following machine. Machine : _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
17715	Suitable Head does not exist	The suitable head for following parts does not exist. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX The head which cannot attach nozzle exists. Please check "Detail optimization parameter" and "Head Offset".	
17716	Nozzle Attachment Error [User Specification]	The following head cannot attach specified nozzle type. Machine : _XXXX Table : _XXXX Head Number : _XXXX Nozzle Type : _XXXX Please check "Flying Nozzle Spec", "Nozzle Station". Please set this head type "None", if you do not want to use.	
17717	Nozzle Attachment Error [Collision]	All type of nozzle cannot attach to following head, because it will collide with scan camera. Machine : _XXXX Table : _XXXX Head Number : _XXXX Please set this head type "None", if you do not want to use.	
17718	Nozzle Attachment Error [Collision]	There is no head which can attach nozzle for following part, because it will collide with scan camera. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Nozzle Type : _XXXX Please check nozzle type of this parts .	
17719	Nozzle Attachment Error [Collision]	There are no heads in the line that nozzles required by the following parts can be attached to. Machine : _XXXX Parts Number: _XXXX , Parts Name : _XXXX These parts will collide with scan camera, if they are picked up by this head. Machine : _XXXX Table : _XXXX , Head Number : _XXXX Please check nozzle type of the parts .	
17720	Feeder Set Position Error	The set position which is indicated by following parts is already used by another parts. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check by "Feeder Viewer".	
17721	Feeder Collision Error	The feeder of following parts will collide with another feeder. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check by "Feeder Viewer".	

Ea : Application Error

No	Title	Message	Detail (Action)
17722	Pick up Position Error [Fixed Set Position]	There are no heads that can pick up the following fixed parts because pick position is outside of moving range. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check suitable head and fixed set position, and change condition of Optimizer if the position of the parts can be changed.	
17723	Alternative parts Error [Fixed Set Position]	Since the head which can pick up the following parts is restricted by set position, some mount positions of alternative parts are out of moving range. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check Feeder Set Position, and check whether condition of optimization can be changed.	
17724	Plate Specification Error [Fixed Set Position]	The feeder type of following parts is not allowed to set by "Plate Specification". Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check set position of this part, and change condition of Optimizer if the position of the parts can be changed.	
17726	Feeder Collision Error [Feeder Opt. Part]	The following parts can not fix set position, because the feeder will collide with another feeder. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check by "Feeder Viewer".	
17727	Pick Up Position Error [Feeder Opt. Part]	The pick up position of following parts is out of moving range. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check Position Definition of the parts .	
17728	Pick Up Position Error [Feeder Opt. Part]	The Feeder Set No. of following parts can not be fixed, because the pick position is out of moving range of the suitable head. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check suitable head and mount position, and check whether condition of optimization for another parts can be changed.	

Ea : Application Error

No	Title	Message	Detail (Action)
17729	Pick Up Position Error [Feeder Opt. Part]	The Feeder Set No. of following parts can not be fixed, because the pick position is out of moving range of the head which use to mount alternative parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check mount position of alternative part, and check whether condition of optimization for another parts can be changed.	
17730	Plate Specification Error [Feeder Opt. Part]	There is no set position which is permitted to set the feeder type of following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check feeder type of the parts and Plate Specification.	
17731	Pick Up Position Error [Fixed Set Position]	The suitable head for the following parts cannot reach the pick position. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check pick and mount position, and suitable head.	
17732	Feeder Plate Error [Fixed Set Position]	These parts cannot be set on the fixed position because designated feeder plate is not available. Machine : _XXXX Parts Number : _XXXX Parts Name : _XXXX Please check the following feeder plate setting of Optimizer. Machine : _XXXX Feeder Plate Number : _XXXX	
17733	Collision with Dump Station [Fixed Feeder Part]	The following part collides with dump station. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check by "Feeder Viewer".	
17734	Collision with Dump Station [Feeder Opt. Part]	The following part collides with dump station. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Set Number : _XXXX Please check by "Feeder Viewer".	
17735	Reel Layout Error	The following part makes the reel which cannot be set on the reel holder. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check by "Feeder Viewer".	

Ea : Application Error

No	Title	Message	Detail (Action)
17750	Ext. TC Pick Up Position Error [Specified Machine]	The pick up position of following tray parts is out of moving range. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX All of parts in a pallet must be in moving range of head. Please check the number of parts and trays.	
17751	Auto TC Pick Up Position Error [Specified Machine]	The pick up position of following tray parts is out of moving range. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX All of parts in a pallet must be in moving range of head. Please check the number of parts and trays.	
17752	Fixed TC Pick Up Position Error [Machine]	The pick up position of following tray parts is out of moving range. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX All of parts in a pallet must be in moving range of head. Please check the number of parts and trays.	
17755	Pick Up Position Error	There is no suitable head which can reach the pick up position of following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check Feeder Set Number and Position Definition, and check whether condition of optimization can be changed.	
17774	Pick Force Control Error	Pick Force Control is not supported. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Force Control" of this parts .	
17775	Dip Force Control Error	Dip Force Control is not is not supported. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Force Control" of this parts .	
17776	High Accuracy Force Control Error	"High Accuracy" setting of force control is not supported. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Force Control" of this parts .	
17777	Invalid Force Control Setting Error	Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check "Force Control" of this parts .	

Ea : Application Error

No	Title	Message	Detail (Action)
17788	Collision with Multi Camera [Fixed Feeder]	The multi camera unit may be damaged, if following parts are picked up from indicated set position. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check pick position of this parts .	
17795	Collision with Another Table Parts [Machine]	The following parts might collide with another table parts. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check body size of the parts .	
17850	No Fixable Set Position	There is no set position which can set following parts . Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check parts info.	
17853	Feeder Overflow	Some parts cannot be fixed set position because of restriction of feeder space or position. Number of Failed Parts : _XXXX Please check space of feeder plate. An empty space may be made when there are many restrictions of equipment and an order.	
17854	FIXED BOARD DATA MATCHING ERROR	Fixed board matching of following parts failed. Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Please check the parts infomation of the fixed board.	
17900	Optimizer Error	An error occurred during optimization. Optimization is interrupted.	
17901	Optimizer Error	An error occurred during optimization. Optimization is interrupted.	
17902	Optimizer Error	An error occurred during optimization. Optimization is interrupted.	
17903	Optimizer Error	An error occurred during optimization. Optimization is interrupted.	
17904	Cycle Time Estimation Error	An error occurred during cycle time estimation. Cycle time estimation is interrupted.	

Ea : Application Error

No	Title	Message	Detail (Action)
17905	Optimization Error of Non-Target Stage	If the machine has both of the target and non-target stage of optimization, board data must be optimized on all stages in advance. Machine : _XXXX Please check execution stage of optimization parameters.	
17906	Block Offset Error	Block offset is different between machines. Please check board data.	
17907	File Type Error(target board)	Of following machine, this file type of the target board is unusable. Machine : _XXXX Please check the file type of the target board. Please check the default data type of this machine.	
17908	File Type Error(save board)	Of following machine, this file type of the save board is unusable. Machine : _XXXX Please check the file type of the save board. Please check the default data type of this machine.	
17950	FIXED BOARD DATA MATCHING ERROR	Fixed Board data matching failed.	
17951	Warning about Interference at High-Density Mount Points	"GROUP" board generated by setup optimizer was modified using Board Editor etc. it causes disappearance of information for judging nozzle interference. Optimization is continued without considering nozzle interference at high-density mount points.	
17952	High-Density Mount Check Judgment Error[Machine]	No nozzle can handle the mount point below. Machine : _XXXX Mount Number: _XXXX Mount Name : _XXXX Minimum Clearance: _XXXX um The clearance gap of mount points is so narrow that it is over the spec of mounting nozzle(high-density mount spec). COUNTERMEASURE: - Check the location and the component size of the mount point. - Check if suitable nozzles are used. - Introduce nozzles for high density mount.	

Ea : Application Error

No	Title	Message	Detail (Action)
17954	Pallet Number Error [Start & End]	<p>Pallet number of following parts is invalid.</p> <p>Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX Pallet No. : Start _XXXX , End _XXXX</p> <p>Last pallet number must be less or equal start number.</p>	
17960	Side view camera, Part size error	<p>The part size is out of Side view camera size. Please check part size or Side view camera "Max XY" in machine data.</p> <p>Machine : _XXXX PartsData : _XXXX Parts Name : _XXXX</p>	
17961	Side view camera, Part thickness error	<p>The part thickness is out of value which allowed for Normal mode. The part thickness which allowed for Normal mode is set in follows. Machine Setting - [Side View Camera Spec]-[General Setting]- [The minimum part thickness] Please change Side View Camera to [Detail mode] in Part Information.</p> <p>Machine : _XXXX PartsData : _XXXX Parts Name : _XXXX</p>	
17962	Side view camera, Part thickness range error	<p>Side view [Part Thickness] in Part Information must be between 0 to [Body Size Z]. Please check [Part Thickness] and [Body Size Z].</p> <p>Machine : _XXXX PartsData : _XXXX Parts Name : _XXXX</p>	
17963	Side view camera setting error	<p>Although the side view camera is set "Exist" in Installation Setting, the side view camera is not set in Camera Specification. Please check the machine data.</p> <p>Machine : _XXXX</p>	
17964	Fiducial soft limit over	<p>The fiducial which is referred by the following mount data is outside movable area.</p> <p>Machine : _XXXX Mount Number : _XXXX Mount Name : _XXXX Fiducial : _XXXX</p> <p>Machine that error occurred : _XXXX Axis : _XXXX</p> <p>Please check Fiducial position and axis soft limit.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17965	Badmarkl soft limit over	<p>The badmark which is referred by the following mount data is outside movable area.</p> <p>Machine : _XXXX Mount Number : _XXXX Mount Name : _XXXX Badmark : _XXXX</p> <p>Machine that error occurred : _XXXX Axis : _XXXX</p> <p>Please check badmark position and axis soft limit.</p>	
17971	Mounting order conflict	<p>There is a mounting order conflict.</p> <p>Machine : _XXXX</p> <p>Check mounting order of parts.</p>	
17972	Cart ID Error	<p>Cart ID is different between lanes.</p> <p>Please unify cart ID at each cart set position in all lanes.</p>	
17973	Backup Type Error	<p>Backup type is different between lanes.</p> <p>Please unify backup type in all lanes.</p>	
17974	File Read Error	<p>Failed to read Lane Divide Prohibited Parts Setting File.</p> <p>There is a possibility that the abnormal data exists in the file.</p> <p>Please set Lane Divide Prohibited Parts again in Feeder Viewer.</p>	
17975	Mount Sequence Method Setting Error	<p>Mount Sequence Method Setting must be unified between Lanes when Transfer mode of the machine are set as SynchrnousTransfer.</p> <p>Please check "Transfer Mode" and "Mount Sequence Method Setting".</p>	
17977	Lane Error	<p>The following parts cannot be fixed to specified lane.</p> <p>Machine : _XXXX Parts Number: _XXXX Parts Name : _XXXX</p> <p>Please check the following.</p> <p>-- Parts Data : "Use Feeder Optimize" -- Optimizer : "Feeder Set Condition", "Single Lane Board"</p>	
17978	Optimization Error	<p>A machine with effective special function "SEQUENCE MODE" exists which is not supported with Optimizer.</p>	
17979	Failed to register board data	<p>The board data of same name has already been registered.</p> <p>Board Name : _XXXX</p>	
17980	Failed to register board data	<p>The board data of different lane cannot be registered.</p> <p>Board Name : _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
17982	Cycle time estimation was stopped	Cycle time estimation was stopped.	
17984	Failed to display cycle time estimation result	Please close Microsoft Excel, and click "Result View" button.	
17985	Failed to display cycle time estimation result	Failed to display cycle time estimation result.	
17986	BOARD DATA ERROR	Total board size Y of all lane is over the conveyor width limit. This board combination cannot produce. Conveyor Width Limit : _XXXX [mm] Lane1 Board : _XXXX Lane2 Board : _XXXX	
17987	BOARD DATA ERROR	This board combination cannot work "Parallel Lanes". Lane1 Board : _XXXX Lane2 Board : _XXXX	
17990	Cycle Time Estimation Error	Soft limit over occurred during cycle time estimation. Cycle time estimation is interrupted. Axis Name : _XXXX Target Position : _XXXX [mm, deg]	
17994	Tall Part Mount Order Error	A part is mounted on down stream stage than the stage where a tall part is interfered on when a mark is recognized. Machine Mount Name : _XXXX Tall Parts Number : _XXXX Mount Number : _XXXX Please check parts' information and mount's information.	
17995	Tall Part Mount Order Error	A machine which is not able to mount a tall part than the machine where a tall part is mounted on is registered with line. The line is not able to mount a board including a tall part. Machine where a tall part is mounded on Name : _XXXX Machine which is not able to mount a tall part Name : _XXXX Please reregister or change the line.	

Ea : Application Error

No	Title	Message	Detail (Action)
18000	Feeder Overflow!	There is not enough feederbar space in the line to accommodate all feeders.	
18001	Feeder Overflow!	There is not enough feederbar space on those machines in the line that can handle specific parts. Machine _XXXX Example of specific parts: - Pick/Mount Action is 'FINE'. - Dump Way is 'Station'. - Using Special Nozzle. etc.	
18002	Feeder Overflow!	There is less feederbar space in the line than is required for redistribution of the already set parts.	
18003	Feeder Overflow!	There is not enough feederbar space on the machine to which parts have been assigned.	
18005	Feeder Overflow!	There were components which cannot be attached even if it makes filling placement of the feeder. Please also take into account the feeder positions used by static components and fixed Board's.	
18100	Tray Overflow!	There is not enough palette space on those machines in the line that can handle specific parts. Machine _XXXX	
18101	Tray Overflow!	There is less palette space in the line than is required for redistribution of the already set palettes. Machine _XXXX	
18102	Tray Optimization Error	Initialization of tray parts auto set information failed.	
18103	Tray Optimization Error	There were tray parts which cannot be attached even if it makes filling placement of the tray stacker. Please also take into account the feeder positions used by static components and fixed Board's. Machine _XXXX Component data _XXXX Name _XXXX	
18104	Tray Optimization Error	Reset of tray parts auto set information failed.	
18500	The requested plan file does not exist.	Please check the file name.	

Ea : Application Error

No	Title	Message	Detail (Action)
18501	SETUP OPTIMIZER ERROR	Fine is not found.	
18502	SETUP OPTIMIZER ERROR	Matching of a part name went wrong.	
18503	SETUP OPTIMIZER ERROR	There are parts that could not be assigned to a machine.	
18504	SETUP OPTIMIZER ERROR	Alternative parts loop includes more than one machine or mounting table.	
18505	SETUP OPTIMIZER ERROR	Machine composition differs from the last plan.	
18506	SETUP OPTIMIZER ERROR	Part information differs from the last plan.	
18508	Board file is not found.	PATH : _XXXX BOARD : _XXXX TYPE : _XXXX	
18513	This board is already added.	Board Name : _XXXX	
18514	Failed to add boards to the plan.	Please use less than _XXXX boards. The present number of boards is: _XXXX The number of additional schedule boards : _XXXX	
18515	There are too many boards.	The number of boards which can be treated with a common plan sheet is up to 100 boards. The present number of plan boards : _XXXX	
18516	GROUP board creation went wrong.	GROUP board creation went wrong.	
18517	Parts will exceed the maximum number.	Parts will exceed the maximum number.	
18518	Part division was ended normally.	Part division was ended normally.	
18519	Part division went wrong.	Part division went wrong.	

Ea : Application Error

No	Title	Message	Detail (Action)
18520	There are too many boards or plan group.	There are too many boards or plan group.	
18521	When you move parts between machines	"Fiducial" "Badmark" These parameters become 0.	
18522	It failed in the output of Plan Load file.	It failed in the output of Plan Load file.	
18523	It failed in the output of Production Plan file.	It failed in the output of Production Plan file.	
18526	CREATE GROUP BOARD ERROR	The problem occurred by processing that added the following Board to the Group Board. When you allocate the Parts Group Number in Parts of the Group Board again, Part Group Number used exceeds the max value(99). Plan Group :_XXXX Board Name :_XXXX --- COUNTERMEASURE --- - Remove the above Board from Plan Group. - Set the Part Group Number only when necessary.	
18527	CREATE GROUP BOARD ERROR	The error occurred by processing that added the following Board to the Group Board. Plan Group :_XXXX Board Name :_XXXX --- COUNTERMEASURE --- Remove the above Board from Plan Group.	
18528	PARTS GROUP NUMBER ERROR	Alternative Parts are specified for the following Parts, but two or more Parts Group Numbers are set to Parts in Alternative Loop. Please set same Parts Group Number to all parts in the Alternative Loop. Board Name :_XXXX Parts No. :_XXXX Parts Name :_XXXX	
18529	PARTS GROUP NUMBER ERROR	There is a problem in Parts Group Number of following Board. Please correct the Board Data so that there is no problem in the order of Parts Group Number between machines or between stages. Board Name :_XXXX	
18530	ALTERNATIVE LOOP ERROR	There is a problem in Alternative Loop of following Parts. Please set Alternative Loop correctly. Board Name :_XXXX Parts No. :_XXXX Parts Name :_XXXX The following causes can be considered. - There are Parts for which Alternative Parts are not specified. - Parts specified for Alternative Parts don't exist.	

Ea : Application Error

No	Title	Message	Detail (Action)
18531	CREATE GROUP BOARD ERROR	The Group Board can't be created for the following reason. - The number of Parts that should be registered in the Group Board of the following Plan Group exceeds the limit. Plan Group :_XXXX --- COUNTERMEASURE --- Decrease number of Boards in Plan Group.	
18534	Not supported machine(s)	This function doesn't support the following machine(s). _XXXX	
18535	Calculate Mount Point Clearance Error	Failed to calculate mount point clearance in the following mount data. Please check whether mount position and parts size of the board data are correct. Board Name : _XXXX Machine : _XXXX Mount Data : _XXXX	
18536	Failure in group numbering	Failure in group numbering Board Name : _XXXX	
18537	Failure in parts group numbering	Operation is aborted for the parts group number over the max value. Board Name : _XXXX	
18538	Failure in parts group numbering	Operation is aborted for too much interferences. Board Name : _XXXX	
18539	Failure in parts group numbering	Some interferences exist. Please remove the cause of interfering. It is possible to check parts that cause interference by executing [Data Check] in the Board Editor under the following conditions. - Nozzle Interference Check is "Execute". - Kind of Nozzle Interference Check is "Check all cases". - The check box of "Group Number Auto Set" is checked state. - The radio button of "Parts Group Number" is selected state. Board Name : _XXXX	
18540	Pre-set parts interferences exist.	Please remove the cause of interfering. It is possible to check parts that cause interference by executing [Data Check] in the Board Editor under the following conditions. - Nozzle Interference Check is "Execute". - Kind of Nozzle Interference Check is "Check all cases". - The check box of "Parts Group Number Auto Set" is checked state. Board Name : _XXXX	
18541	There is the machine that the standard cycle time is undefined.	There is the machine that the standard cycle time is undefined. (If the machine is undefined, the mount weight is calculated as the standard cycle time is zero.)	

Ea : Application Error

No	Title	Message	Detail (Action)
18542	CREATE GROUP BOARD ERROR	<p>The following parts can't be registered to the Group Board, because the distributable machine or stage doesn't exist.</p> <p>Plan Group : _XXXX Board Name : _XXXX Machine Name : _XXXX Parts No. : _XXXX Parts Name : _XXXX</p> <p>Please check the following items.</p> <ul style="list-style-type: none"> - Parts Data : "Feeder Set No.", "Parts Group No.", "Use Feeder Optimize" - Optimizer : "Feeder Set Condition" 	
18543	CREATE GROUP BOARD ERROR	<p>The following parts can't be registered to the Group Board, because the distributable machine or stage doesn't exist.</p> <p>Plan Group : _XXXX Board Name : _XXXX Machine Name : _XXXX Parts No. : _XXXX Parts Name : _XXXX</p> <p>--- COUNTERMEASURE ---</p> <ul style="list-style-type: none"> - Don't mix Board Data whose "Board Size X" is less than or equal to _XXXX mm and Board Data whose "Board Size X" is greater than _XXXX mm with the same Plan Group. - Change "Feeder Set Condition" of Optimizer to other than "Move Within Stage". 	
18547	Failure in group order numbering	<p>Some interferences exist. Please remove the cause of interfering.</p> <p>It is possible to check parts that cause interference by executing [Data Check] in the Board Editor under the following conditions.</p> <ul style="list-style-type: none"> - Nozzle Interference Check is "Execute". - Kind of Nozzle Interference Check is "Check all cases". - The check box of "Group Number Auto Set" is checked state. - The radio button of "Mount Group Number" is selected state. <p>Board Name : _XXXX</p>	
18548	Failure in group order numbering	<p>Operation is aborted for the group order over the max value. Board Name : _XXXX</p>	
18549	Failure in group order numbering	<p>Operation is aborted for too much interferences. Board Name : _XXXX</p>	
18550	Nozzle Interference Check is executed	<p>Parts Group Number is used instead of Mount Group Number, because Mount Group Number isn't supported in Group Board. Nozzle Interference Check is executed to set Parts Group Number.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
18551	Setup Optimizer Error	There is a problem in Mount Group Number of the following board. Please set Mount Group Number again by executing Nozzle Interference Check(Group Number Auto Set) in the Board Editor. Board Name :_XXXX	
18552	Cannot display optimizer result again.	The following might be changed after optimization. - Plan Board - [Product Board List] - [Plan Group] - [Parts] - [Pick] - [Feeder Set No.] Optimizer result does not be displayed again because the result might be different from actual board data. Please execute optimization again.	
18553	BOARD DATA FILE WRITE ERROR	The Board data file is read-only or other processes are using. Please close a file or remove read only and retry save. FileName:_XXXX	
18554	BOARD DATA FILE WRITE ERROR (OPTIMIZATION)	The Board data file is read-only or other processes are using. Please close a file or remove read only and retry optimization. FileName:_XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
20035	WARNING: HALFWAY CONTINUE HASN'T BEEN SET UP	It was canceled in the halfway continue Or, Because there is no check in effective Mounted A halfway continue doesn't do it. [Yes] Execute [No] Not Execute	
20036	WARNING: HALFWAY CONTINUE	Because Board Data has been changed, HALFWAY CONTINUE is not done. Is processing continued as it is? [Yes] Execute this Board Data [No] Not Execute	
20235	Optimization Error	Optimization can't be executed for the following reasons. The setting that doesn't execute line data distribution is used, and there are parts with a mount point outside the mountable range. Please move parts info. to another machine manually, or perform line data distribution by optimization. Machine _XXXX Parts No. _XXXX Name _XXXX Board Name _XXXX	
20579	File read error.	Calibration result is failed to read. Production is canceled.	
20580	Out of standard.	Calibration result is out of standard. After the error is cleared, an autorun is restarted.	
20581	Calibration is aborted.	Because automatic calibration process is very slow, the process is aborted. Production is canceled. There is a possibility that parts for calibration is being adsorbed. If it is reset as now, the parts will be thrown away. Please check that. If the parts is adsorbed, please push emergency stop and return it to the station for calibration by your hand.	
20582	Calibration is stopped.	Because the response from automatic calibration process is none, the process is stopped. Production is canceled. There is a possibility that parts for calibration is being adsorbed. If it is reset as now, the parts will be thrown away. Please check that. If the parts is adsorbed, please push emergency stop and return it to the station for calibration by your hand.	
20583	Calibration is canceled.	Because automatic calibration process is canceled or error occurred, the process is canceled. Production is canceled. There is a possibility that parts for calibration is being adsorbed. If it is reset as now, the parts will be thrown away. Please check that. If the parts is adsorbed, please push emergency stop and return it to the station for calibration by your hand.	

Ea : Application Error

No	Title	Message	Detail (Action)
24000	BOARD DATA READ ERROR	<p>It failed to read the board data.</p> <p>[Cause] It lost folder location which is the reading place of board data.</p> <p>[Measure] Please check network connection, when it reads board data through a network. And please read board data again.</p>	
24001	BOARD DATA SAVE ERROR	<p>It failed to save the board data.</p> <p>[Cause] It lost folder location which is the saving place of board data.</p> <p>[Measure] Please check network connection, when it saves board data through a network. And please save board data again.</p>	
24500	Board Data Error	<p>With the option setting which is set by this machine now, auto-running cannot be started with this board data.</p> <p>To start auto-running with this board data, either following option settings are necessary. -Dual Lane TYPE-2 -Dual Lane TYPE-N</p>	
24501	Board Data Error	<p>With the option setting which is set by this machine now, auto-running cannot be started with this board data.</p> <p>To start auto-running with this board data, following option setting is necessary. -Dual Lane TYPE-N</p>	
24502	Lane reading difference warning	<p>It is not board data for the specified lane. It changes into the lane number that the lane number of mount information specified when reading is continued. Is reading continued?</p>	
24503	BOARD DATA ERROR	<p>Force control setting is "Simplicity" or "High Accuracy" in the Component information. Force control of this machine supports is only "Only Unlock". Please change the setting. Mount No _XXXX Comp No _XXXX Name _XXXX Err Information Pick</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
24504	BOARD DATA ERROR	Force control setting is "Simplicity" in the Component information. Force control of this machine supports is only "High Accuracy" or "Only Unlock". Please change the setting. Mount No _XXXX Comp No _XXXX Name _XXXX Err Information Dip	
24505	BOARD DATA ERROR	Force control setting is "Simplicity" in the Component information. Force control of this machine supports is only "High Accuracy". Please change the setting. Mount No _XXXX Comp No _XXXX Name _XXXX Err Information Mount	
24506	MACHINE DATA ERROR	The setting for "Wait positioin pull down" or "Wait position take off" is not correct. "Wait positioin pull down" has to be same as "Wait position take off" or more than it. Err Information _XXXX Error Information 1 : Pick, 2 : Dip, 3 : Mount	
24507	MACHINE DATA ERROR	Vacuum level is not calibrated. Please start calibration by [Utility] button, and execute setting from [Vacuum Level] button. Table _XXXX Head _XXXX Nozzle Type _XXXX	
24509	BOARD DATA ERROR	The Dump Station doesn't exist on the part pickup side. The Dump Station should exist on the pickup sides of parts dumped to the Dump Station when the Dump Before Reco is used. Please change the set position of the parts or the Dump Station. Parts No. _XXXX	
24510	MACHINE DATA ERROR	The data of Head-Coord MACS is illegal. [Measure] -Please adjust [Head Coord MACS] data by [Utility] button. To invalidate Head-Coord MACS Function, please change the following item. [Machine Data]-[Machine Information]-[Installation Setting]-[Head Coord MACS]-[Not Use].	

Ea : Application Error

No	Title	Message	Detail (Action)
24511	BOARD DATA ERROR	There is a wrong mount table referenced from Sequence Inf. Please, check the item. Sequence Inf. No. _XXXX	
24512	BOARD DATA ERROR	The table of the mount data is not specified. Please input the table. Mount data _XXXX Component data _XXXX Name _XXXX	
24513	BOARD DATA ERROR	The table of the Sequence inf. is not specified. Please input the table. Sequence Inf. No. _XXXX Component data _XXXX Name _XXXX	
24514	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Co-Planarity	
24515	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - 3D Co-Planarity	
24516	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Vacuum Check	
24517	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Alignment	
24518	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Tray Priority	

Ea : Application Error

No	Title	Message	Detail (Action)
24519	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Refresh Dispense	
24520	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Skip Retry	
24521	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Position Free Setup	
24522	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Mount Interfere Check	
24523	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Retry Sequence	
24524	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Running Mode	
24525	Board Data Error	A set value of the board is different in each lane. Auto-running cannot be started with this board data. Please set the same value to the following items with all lanes. - Pre Dispense	
24526	Board Data Error	A set value of the board is inappropriate. Auto-running cannot be started with this board data. Please set an appropriate value to the following items with each lane. - FrontLeft	

Ea : Application Error

No	Title	Message	Detail (Action)
24527	Board Data Error	A set value of the board is inappropriate. Auto-running cannot be started with this board data. Please set an appropriate value to the following items with each lane. - FrontRight	
24528	Board Data Error	A set value of the board is inappropriate. Auto-running cannot be started with this board data. Please set an appropriate value to the following items with each lane. - RearLeft	
24529	Board Data Error	A set value of the board is inappropriate. Auto-running cannot be started with this board data. Please set an appropriate value to the following items with each lane. - RearRight	
24530	Board Data Error	A set value of the board is inappropriate. Auto-running cannot be started with this board data. Please set an appropriate value to the following items with each lane. - Backup Type	
24531	BOARD DATA ERROR	The settings of each lane at [Board] - [Board] - [Mount Sequence Method] are different. Please edit "Mount Sequence Method" of all lane in same value, when the transfer mode is "Synchronous Transfer".	
24536	BOARD DATA ERROR	Mounting order is not correct. Measure 1 : Please execute Optimization. Measure 2 : Please set "Parts Group Number" to [Board] - [Board] - [Mount Sequence Method], and set an appropriate value to [Parts] - [Option] - [Parts. Group No.]. Measure 3 : If the order of the recorded mounting data is changed, please restore	
24537	BOARD DATA ERROR	Illegal pallet number for the wafer component. Component data _XXXX Name _XXXX Please set pattet number within the following range. _XXXX to _XXXX	
24538	BOARD DATA ERROR	Illegal pallet number for the wafer component. Please set pattet number within the following range. _XXXX to _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
24540	MACHINE DATA ERROR	<p>The data of force control sequence is illegal.</p> <p>Err Information _XXXX (1 : Pick, 2 : Dip, 3 : Mount)</p> <p>The following data is too small. -Case Pick,Dip: [Specification Information]-[Force Control Specification]- [Sequence]-[Wait position pull down]</p> <p>-Case Pick,Dip: [Machine Data]-[Mechanical]-[Position]-[MountHeightOffset]</p>	
24541	MACHINE DATA ERROR	<p>The data of force control sequence is illegal.</p> <p>[Specification Information]-[Force Control Specification]- [Sequence]-[Maximum force] The maximum force must become big, as the sequence number become big.</p> <p>Err Information _XXXX (1 : Pick, 2 : Dip, 3 : Mount)</p>	
24542	MACHINE DATA ERROR	<p>The data of force convert table is illegal.</p> <p>[Specification Information]-[Force Control Specification]- [Basic/Convert] The target load and order load must become big, as the convert number become big.</p> <p>MountTable _XXXX Head _XXXX</p>	
24543	BOARD DATA ERROR	<p>Force control setting is "Simplicity" or "Only Unlock" in the Component information. Force control of this machine supports is only "High Accuracy". Please change the setting.</p> <p>Mount No _XXXX Comp No _XXXX Name _XXXX Err Information Pick</p>	
24544	BOARD DATA ERROR	<p>Force control setting is "Simplicity" or "Only Unlock" in the Component information. Force control of this machine supports is only "High Accuracy". Please change the setting.</p> <p>Mount No _XXXX Comp No _XXXX Name _XXXX Err Information Dip</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
24545	MACHINE DATA ERROR	<p>Vacuum Level is illegal.</p> <p>Wafer Head : _XXXX</p> <p>Cause: [Machine Data]-[Tray Changer]-[Position] Pick Low Level > Pick High Level</p>	
24546	REAR FEEDER PARTS SETTING ERROR	<p>Cannot pick a Rear Feeder Parts _XXXX .</p> <p>The manual tray is on the feeder because board width are larger than the Setting of "[Machine]-[Machine Information]-[Special Setting]-[Detail Setting]-[Feeder Use Board Width]".</p>	
24547	MACHINE DATA ERROR	<p>Though Board Height Datum is set to Bottom, the machine doesn't have Vacuum Backup.</p> <p>Set Board Height Datum to Top.</p>	
24548	MACHINE DATA ERROR	<p>Though Board Height Datum is set to Bottom, the machine doesn't Moving Camera Axis.</p> <p>Set Board Height Datum to Top.</p>	
24549	MACHINE DATA ERROR	<p>Though Board Height Datum is set to Bottom, the machine doesn't have Moving Camera with movable axis.</p> <p>Set Board Height Datum to Top.</p>	
24550	Manual Dump Tray Data Error	<p>The parts data set for dump tray is invalid. Because parts information was wrong, tray counter was cleared.</p> <p><Cause> Parts selected for dump tray on [Machine Setting]-[Special Setting]-[Detail Setting] - has no parts data. - has wrong value for the following settings. - has a value over the range of mounting on the setting below.</p> <p><Measure> - Configure the parts data correctly. - Take the parts away from the dump tray.</p>	
24551	Manual Dump Tray Position Error	<p>The setting of dump tray position is wrong.</p> <p><Cause> - The following setting of the parts data for dump tray. [Parts]-[Pick]-[X] [Parts]-[Pick]-[Y]</p> <p><Measure> - Configure the tray information of the parts data correctly.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
24552	BOARD DATA ERROR	Parts Number _XXXX If you use [Parts] - [Basic] - [Retry Times] - [NO RETRY(By 1Pick)], you have to choice [Parts] - [Basic] - [Package] - [Tape].	
24553	BOARD DATA ERROR	The "SearchArea" is larger than mark out size for the "Mark for Comp" of the wafer component. Machine _XXXX Component data _XXXX Name _XXXX Mark data _XXXX Name _XXXX	
24554	Board Data Error	The board data didn't change. Combination of these board data cannot start auto running. Measures method : 1. Reset all lane. 2. Change the both board data. 3. Edit the board data.	
24555	MACHINE DATA ERROR	Though Board Height Datum is set to Bottom, FAMF can not execute in this state. Set Board Height Datum to Top.	
24556	BOARD DATA ERROR	Wafer Expand Offset (mm) is outside moving area. Parts number _XXXX Please check following item. [Parts]-[Tray]-[Wafer]-[Option]-[L:Wafer Expand Offset (mm)]	
24557	BOARD DATA ERROR	3D recognition or Coplanarity sensor doesn't exist. Parts data _XXXX Name _XXXX Please check the machine setting data or parts data.	
24558	MULTI CAMERA BRING BACK CHECK ERROR	Bring Back of parts can't be checked by Flying Scan Camera for Multi Camera. PartsData _XXXX	
24559	FEEDER MACS MARK DATA LOADING ERROR	It failed in loading the Feeder MACS mark data. Mark data No. _XXXX <Cause> - Mark data number is not correct. - It can not access to the database. <Measures> - Check the mark data number in [Pickup MACS]-[Feeder MACS]-[Mark Data DB Number] - Check the accessible to the database.	

Ea : Application Error

No	Title	Message	Detail (Action)
24562	DATA CHECK ERROR	MaxDiff XY or MaxDiff R of The difference check in the fiducial recognition before and after mounting has not been set up. Please set up in 0.001 to 1.000. Setting value XY_XXXX Setting value R_XXXX	Measure Please set a value as [Max Diff XY] or [Max Diff R] of [Machine]-[Machine Data]-[Mechanical]-[Position]-[Mount After FID Check] in 0.001 to 1.000.
24563	Please check [parts height carry in(mm)]	Because value of [parts height carry in (mm)] is 25.5mm or more, The parts and the heads on the board may be interfere. Please check the actual value of [parts height carry in (mm)]. If there is no problem, please begin auto run again. Measures: - Please check the parts that doesn't interfere with the heads.	
24564	Please check [parts height carry in(mm)]	Because value of [parts height carry in (mm)] is 25.5mm or more, The parts and the moving camera may be interfere. Please check the actual value of [parts height carry in (mm)]. If there is no problem, please begin auto run again. Measures: - Please check the parts that doesn't interfere with the moving camera.	
24565	Mount parts and the moving camera may interfere.	When machine recognize the fiducial mark, mount parts and the moving camera maybe interfere. When you start the auto run of this remains, machine will recognize all fiducial mark before mounts parts.	
24566	Mount parts and the moving camera may interfere.	When machine recognize the fiducial mark, mount parts and the moving camera maybe interfere. When you start the auto run of this remains, machine won't recognize regular fiducial mark.	
24567	Mount parts and the moving camera may interfere.	When machine recognize the point fiducial mark, the mount parts and the moving camera maybe interfere. Mount Block No. _XXXX Mount No. _XXXX Pattern Name _XXXX Mount Coordinate X : _XXXX Y : _XXXX Parts No. _XXXX Parts Name _XXXX Mark Block No. _XXXX Local Fiducial No. _XXXX Measures: - Please change to the local fiducial from point fiducial.	

Ea : Application Error

No	Title	Message	Detail (Action)
24568	Mount parts and the moving camera may interfere.	<p>When machine recognize the local bad mark, the mount parts and the moving camera maybe interfere.</p> <p>Mount Block No. _XXXX Mount No. _XXXX Pattern Name _XXXX Mount Coordinate X : _XXXX Y : _XXXX Parts No. _XXXX Parts Name _XXXX</p> <p>Mark Block No. _XXXX Local Bad No. _XXXX Measures: - Please change the local bad mark recognized position.</p>	
24569	Mounted parts and the moving camera may interfere.	<p>When machine recognize the mark, mounted parts and the moving camera maybe interfere. Don't recognize the mark to interfere. Still, do you want to begin auto run?</p> <p>[Yes] Halfway Continue is done. [No] Halfway Continue is abort Please remove the board of on the conveyor.</p>	
24570	Smart Recognition Parts Data Reading Error	<p>This parts can not be recognized by current machine setting. Change [Alignment Type] of this parts data to other type.</p> <p>Parts Data _XXXX Name _XXXX</p>	
24571	BOARD DATA ERROR	<p>The function of "PARTS KEEP IN RESET" does not support the feeder type of following parts.</p> <p>Mount No _XXXX Parts No _XXXX Name _XXXX</p>	
24572	Mounted parts and the moving camera interfere.	<p>Because "Precede Pick" is set to "On" in the board data, when the following parts is picked by the following head, the moving camera and the parts interfere. If the production is started as it is, the production is changed to the procedure fiducial mark recognition before parts picking.</p> <p>Mount No _XXXX Comp No _XXXX Name _XXXX Head No _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
24573	Mounted parts and the multimacs interfere.	<p>Because "Precede Pick" is set to "On" in the board data, when the following parts is picked by the following head, the multimacs and the parts interfere.</p> <p>If the production is started as it is, the production is changed to the procedure fiducial mark recognition before parts picking.</p> <p>Mount No _XXXX Comp No _XXXX Name _XXXX Head No _XXXX</p>	
24574	NOZZLE MACS DATABASE ERROR	<p>Nozzle MACS database number for the following nozzle is not correct.</p> <p>Nozzle Type : _XXXX</p> <p><Cause> - Database number is not correct. - It can not access to the database.</p> <p><Measures> - Check the database number in [Pickup MACS]-[Nozzle MACS]-[Database Number]. - Check the accessible to the database.</p>	
24576	BOARD DATA ERROR	<p>If "Carried Pos. Check" is "Enable", set the board fiducial or block fiducial.</p>	
24577	BOARD DATA ERROR	<p>Cannot execute "Carried Pos. Check" using the board fiducial mark.</p> <p>Please correct the setting as below. - Set [Mark] - [Vision] - [Algorithm Type] to other than "PTRN ****".</p> <p>Mark Data _XXXX</p>	
24578	BOARD DATA ERROR	<p>Cannot execute "Carried Pos. Check" using the block fiducial mark.</p> <p>Please correct the setting as below. - Set [Mark] - [Vision] - [Algorithm Type] to other than "PTRN ****".</p> <p>Mark Data _XXXX</p>	
24579	BOARD DATA ERROR	<p>Setting of Mark Data of [Board] - [Board] - [Carried Pos. Check Mark] is invalid.</p> <p>Please correct the setting as below. - Set [Mark] - [Basic] - [Mark Type] to "Fiducial". - Set [Mark] - [Vision] - [Algorithm Type] to other than "PTRN ****".</p> <p>Mark Data _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
24580	BOARD DATA ERROR	The position of "Carried Pos. Check" is outside moving area. Axes _XXXX	
24581	BOARD DATA ERROR	No mark data available for the tray fiducial, or the mark data is not for a fiducial. Parts data No._XXXX	
24582	BOARD DATA ERROR	The Fiducial mark for the tray is at the position in which the movement camera doesn't reach. Please confirm the Fiducial mark position about the following part data. Parts data No._XXXX	
24583	Smart Recognition Parts Data Reading Error	This parts can not be recognized because [Installation Setting] - [Smart Recognition] is set to [Not Use]. Change [Alignment Type] of this parts data to other type. Parts Data _XXXX Name _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25018	Parts switch by splicing point detection		
25020	Parts switch by setup work		
25021	Setup cancellation start		
25022	Setup cancellation failed		
25100	Warning of number of files	The file more than a constant number exists in Station ChangeData Folder. There is a possibility that the influence goes out to the mounter operation when this state continues. Please confirm whether the IT station starts.	
25104	It is a set position of off the subject.	The set position is outside the range. Please scan by installing it in a correct set position.	
25105	Set parts are different.	Parts installed on the feeder are different. The position in which the feeder is set is different. There is a feeder that doesn't scan.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25106	Verify Error	Verify failure A necessary parts on the plate are not installed. The installation position of the feeder is different. There is a feeder that doesn't scan.	
25108	Item ID Unregistration Error	Item ID of the scanned item is not registered. Please register item ID in the "ID-Editor". Item ID _XXXX	
25109	Unused Item Error	It is an item which is not used in the selected board data. Please cancel the scanning work, and setup a correct item.	

Ea : Application Error

No	Title	Message	Detail (Action)
25110	Mask ID Error	It is not possible to plan, because the Mask ID of the scanned item corresponding to the Mask Name is different. Please check the Mask Name in PCB Information or confirm the registration situation of the Mask ID with the "ID-Editor".	
25111	Data Registration Error	The _XXXX name is not registered in board data. Please register to the board data.	
25112	There is no authority to clear the Error.	Because a serious error occurred, the error cannot be cleared. Please contact the person responsible who has the error clearness authority Please scan "Operator ID" with a clear authority.	
25113	Setup Check Error	There are parts whose setup is not done. Parts No._XXXX Action list for recovery: - Please perform the setup of the parts. - Please re-load the board data. After confirming setup verification is OK, please start auto-running. If this problem is not solved, please call an administrator of this machine.	
25114	Setup Check Error	The setup verification of the following parts is not completed. Please set the correct parts and scan the barcode and then start auto-running. Parts Number _XXXX Parts Name _XXXX Parts Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX	
25115	Splicing Parts Feeder Type Error	In parts that did the splice, there is a possibility of mis-mounting. The splice cannot be done with specified parts. In splicing work, this work is stopped because the feeder type is different from former part and latter part. Please confirm the feeder types of specified parts.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25116	Splicing Error	<p>In parts that did the splice, there is a possibility of mis-mounting.</p> <p>The splicing work is stopped.</p> <p>Please confirm whether correct parts are spliced.</p> <p>Or, please confirm whether parts to be scanned are correct.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25117	Splicing Error	<p>In parts that did the splice, there is a possibility of mis-mounting.</p> <p>The scanned partsID is not registered.</p> <p>Or, PartsID Info, as parts quantity, are not registered.</p> <p>Please execute the partsID registration (quantity setting) at "ID-Editor".</p> <p>Please confirm whether correct parts are spliced.</p> <p>Or, please confirm whether parts to be scanned are correct.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25118	SPLICING	<p>It is executed to splicing new parts to the tails of old parts.</p> <p>Is it all right?</p>	
25119	REFILL PARTS	<p>The refill of parts is executed.</p> <p>Is it all right?</p>	
25120	The list data of parts can not be created.	<p>The list data of parts used on the parts remain edit window can not be created.</p> <p>Please press [Refill The Entire Tray] button again.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25121	SPLICING ERROR	<p>The splicing of parts can not be executed.</p> <p>Please select parts, and press [Splicing] button again.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25122	REFILL PARTS ERROR	The refill of parts can not be executed. Please select parts,and press [Refill Parts] button again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25123	REFILL THE ENTIRE TRAY ERROR	The refill of the tray can not be executed. Please press [Refill The Entire Tray] button again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25124	THE PARTS REMAIN EDIT ERROR : Reel	The remain of the reel can not be edited. Please correct the parts remain count at the parts remain edit window again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25125	THE PARTS REMAIN EDIT ERROR : Stick Parts	The remain of the stick parts can not be edited. Please correct the parts remain count at the parts remain edit window again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25126	THE PARTS REMAIN EDIT ERROR : Tray Parts	The remain of the tray parts can not be edited. Please correct the parts remain count at the parts remain edit window again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25127	SPLICING POINT DETECT ERROR	Splicing point for the parts was not detected. Please confirm parts remain at the parts remain edit window.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25128	REEL REMOVE ERROR	The removing of the reel can not be executed. Please select parts,and press [Reel Remove] button again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25129	The set position is contradicted.	Parts are contradicting the target parts now. Please confirm installed parts. Again, please do verify.	
25130	The number of feeders was exceeded.	The number of feeders that were able to set it was exceeded. Again, please do verify. Please scan the set feeder.	
25131	It is a feeder that has scanned.	This feeder has scanned. Please scan a correct feeder.	
25132	The feeder is interfering.	The feeder that scans is interfering. Please confirm the installation position and parts of the feeder.	
25133	The scanning procedure is different.	The verify scanning procedure is different. Please scan in the following order. 1.Feeder ID scanning 2.Feeder set position ID scanning	

Ea : Application Error

No	Title	Message	Detail (Action)
25134	It failed in the access of data.	It failed in the access of data. Again, please do verify.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25135	Necessary parts are not installed.	A necessary parts on the plate are not installed. The installation position of the feeder is different. There is a feeder that doesn't scan.	Please confirm whether correct parts are installed in the feeder. Please scan the feeder when there is a feeder that doesn't scan.
25136	It failed in environmental construction of the Barcode Module.	Action List for recovery: 1. Please confirm the Network system. 2. Please confirm the Setting data. 3. Please select Board Data in [Setup]-[Board]. (*Please refer to [Detail] tab for a detailed content.) Please call Assistant of this facilities when it is not solved by the problem. Cause: - The Setting data is incomplete. - Network trouble. - Network time_out error.	Confirm method of network system: 1. LAN cable has been inserted in this machine. 2. "DAL" of the Server machine starts. [Control Panel]-[Administration Tools]-[Services] of Windows start menu. 3. Please call the Network administrator and confirm the Following list. - Setting of security. - Port number. Confirm method of Setting data: 1. ID Editor can start with the Server machine. 2. The Barcode Format is displayed in ID Editor. [Common Machine]-[Register ID Format]-[Group01] of ID Editor.

Ea : Application Error

No	Title	Message	Detail (Action)
25137	The Barcode Analysis Failure.	<p>Action List for recovery:</p> <ol style="list-style-type: none"> 1. Please confirm whether the Scanned Barcode is proper. 2. Please set the Communication setting of the Machine. 3. Please select Board Data in [Setup]-[Board]. (*Please refer to [Detail] tab for a detailed content.) <p>Barcode _XXXX</p> <p>Cause:</p> <ul style="list-style-type: none"> - The scanned Barcode is not proper. - The setting that the Communication Setting is wrong. 	<p>Confirm method of Scanned Barcode:</p> <ol style="list-style-type: none"> 1. ID Editor can start with the Server machine. 2. The Barcode that fails in the Analysis is scanned or is input. [Common Machine]-[Register ID Format]-[GroupXX] (*The value of 01-10 enters for "XX".)-[Code Value] of ID Editor. 3. Press [Test for Priority] button. Analysis result becomes "OK". <p>Confirm method of the Communication setting:</p> <ol style="list-style-type: none"> 1. Set the "RS-232C". [Setting]-[Machine Information]-[Communication Setting] of the Machine setting. 2. After Save.
25138	The Barcode Control Application start Error	<p>Action List for recovery:</p> <ol style="list-style-type: none"> 1. Please install "IT-System Client Soft" with the Installer to this machine. 2. After checking safety, please reboot this machine. <p>Please call Assistant of this facilities when it is not solved by the problem.</p> <p>Cause:</p> <ul style="list-style-type: none"> - The Barcode control application is not installed. 	
25139	The Barcode Control Application Internal Error	<p>Action List for recovery:</p> <ol style="list-style-type: none"> 1. After checking safety, please reboot this machine. <p>Please call Assistant of this facilities when it is not solved by the problem.</p> <p>Cause:</p> <ul style="list-style-type: none"> - There are some possibility of the Barcode control application Impediment. 	
25140	DRIVE SYSTEM COMBINATION ERROR	<p>The combination of an electric drive and an air drive is not correct. The scanning/installation was done by the wrong combination.</p>	<p>The following are thought as a cause.</p> <ul style="list-style-type: none"> - Feeder/machine combination - Feeder/cart combination - Cart/machine combination
25141	FEEDER INSTLLATION PITCH ERROR OF CART	<p>The cart of feeder instllation pitch different from the setting was installed. Please confirm the setting, and install the cart of correct feeder instllation pitch.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25142	Parts remain warning	The number of the remaining parts reached the number of warning. Please prepare reserved parts. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX Parts Stock Position _XXXX	
25143	Parts remain warning	The number of the remaining parts reached the number of warning. Please prepare reserved parts. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX Parts Stock Position _XXXX	
25144	PARTS REMAIN STOP	Parts remain count reached to the "Stop Parts Count". Please refill the parts and start auto-running again. If the parts rest count for the parts is different from the actual rest count, please correct the parts rest count at the parts remain edit window and re-start auto-running,please. Name _XXXX Comment _XXXX Feeder set position _XXXX Parts Stock Position _XXXX	
25145	PARTS REMAIN STOP	Parts remain count reached to the "Stop Parts Count". Please refill the parts and start auto-running again. If the parts rest count for the parts is different from the actual rest count, please correct the parts rest count at the parts remain edit window and re-start auto-running,please. Name _XXXX Comment _XXXX Feeder set position _XXXX Parts Stock Position _XXXX	
25146	Alternative Parts Empty Warning	One of the alternative parts became empty. Please refill the parts. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX Parts Stock Position _XXXX	
25147	Alternative Parts Empty Warning	One of the alternative parts became empty. Please refill the parts. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX Parts Stock Position _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25148	PARTS REMAIN STOP	Parts remain count reached to the "Stop Parts Count". Please refill the parts and start auto-running again. If the parts rest count is different from the actual rest count, please correct the parts rest count at the parts remain edit window and start auto-running, please. Name _XXXX Comment _XXXX Palette set position _XXXX _XXXX Parts Stock Position _XXXX	
25149	PARTS REMAIN STOP	Parts remain count reached to the "Stop Parts Count". Please refill the parts and start auto-running again. If the parts rest count is different from the actual rest count, please correct the parts rest count at the parts remain edit window and start auto-running, please. Name _XXXX Comment _XXXX Palette set position _XXXX _XXXX Parts Stock Position _XXXX	
25150	PARTS SETUP INCOMPLETED	The setup of the following parts are not completed. Setup the correct parts, and start auto-running operation after scanning bar code. Parts Number _XXXX Parts Name _XXXX Parts Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX	
25151	PARTS SETUP INCOMPLETED	The setup of the following parts are not completed. Setup the correct parts, and start auto-running operation after scanning bar code. Parts Number _XXXX Parts Name _XXXX Parts Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX	
25152	Reel/Stick/Tray - Feeder/Palette Link Connection Error	Connection Reel/Stick/Tray with Feeder/Palette failed. Set up the Reel/Stick/Tray and the Feeder/Palette again. Reel/Stick/Tray ID@@Parts ID _XXXX Feeder/Palette ID _XXXX	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25153	Reel/Stick/Tray - Feeder/Palette Link Cutting Error	<p>Cutting Reel/Stick/Tray from Feeder/Palette failed. Set up the Reel/Stick/Tray and the Feeder/Palette again.</p> <p>Reel/Stick/Tray ID@@Parts ID _XXXX Feeder/Palette ID _XXXX</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25154	Feeder/Palette - Cart/Magazine Link Connection Error	<p>Connection Feeder/Palette with Cart/Magazine failed. Set up the Feeder/Palette and the Cart/Magazine again, or install the Feeder/Palette again.</p> <p>Feeder/Palette ID _XXXX Cart/Magazine ID _XXXX Feeder/Palette set positon _XXXX</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25155	Feeder/Palette - Cart/Magazine Link Cutting Error	<p>Cutting Feeder/Palette from Cart/Magazine failed. Set up the Feeder/Palette and the Cart/Magazine again, or detach the Feeder/Palette again.</p> <p>Feeder/Palette ID _XXXX Cart/Magazine ID _XXXX Feeder/Palette set positon _XXXX</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25156	Feeder/Palette - Cart/Magazine Link Error	<p>Connection Feeder/Palette with Cart/Magazine failed, or cutting Feeder/Palette from Cart/Magazine failed. Install or detach the Feeder/Palette again.</p> <p>Cart/Magazine ID _XXXX</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25157	Cart/Magazine - Plate/Tray-Changer Link Connection Error	<p>Connection Cart/Magazine with Plate/Tray-Changer failed. Set up the Cart/Magazine and the Plate/Tray-Changer again, or install the Cart/Magazine again.</p> <p>Cart/Magazine ID _XXXX Plate/Tray-Changer number _XXXX</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25158	Cart/Magazine - Plate/Tray- Changer Link Cutting Error	<p>Cutting Cart/Magazine from Plate/Tray-Changer failed. Set up the Cart/Magazine and the Plate/Tray-Changer again, or detach the Cart/Magazine again.</p> <p>Cart/Magazine ID _XXXX Plate/Tray-Changer number _XXXX</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25161	FEEDER TYPES ARE DIFFERENT	<p>The feeder types of setup feeder and board data are different. Please check the correct feeder type and setup again. Feeder _XXXX</p>	
25162	Division operation parts list read failure Error	<p>It failed in reading "division operation parts list" file.</p> <p>Please confirm whether the file path setting is correct at "Machine" - "Detail Setting" window. If the setting is correct, the file doesn't exist, network trouble or server PC trouble is considered.</p>	
25163	Setup Check Error	<p>Abnormality was detected by the setup check.</p> <p>Action list for recovery: - Please perform the setup of the parts. - Please re-load the board data.</p> <p>After confirming setup verification is OK, please start auto-running.</p> <p>If this problem is not solved, please call an administrator of this machine.</p> <p>Cause: - Target Data acquisition failure</p>	
25164	Setup Check Error	<p>Abnormality was detected by the setup check.</p> <p>Action list for recovery: - Please perform the setup of the parts. - Please re-load the board data.</p> <p>After confirming setup verification is OK, please start auto-running.</p> <p>If this problem is not solved, please call an administrator of this machine.</p> <p>Cause: - Now Data acquisition failure</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25165	Setup Check Error	<p>The error occurred which prevent the machine from continuing auto-running at the time of Setup Check.</p> <p>Action list for recovery: - Please perform the setup of the parts. - Please re-load the board data.</p> <p>After confirming setup verification is OK, please start auto-running.</p> <p>If this problem is not solved, please call an administrator of this machine.</p>	
25166	Setup Check Error	<p>There are parts whose setup is not done.</p> <p>Action list for recovery: - Please setup the Items ,again. - Please read Board Data again.</p> <p>After it works,Start auto-running again after you complete the setup verification.</p> <p>Please call Assistant of this facilities when it is not solved by the problem.</p>	
25167	Splicing Warning	<p>It tries to do the splice to the reel that does the splice further.</p> <p>Reel ID forward of Old Reel : [_XXXX] Old Reel ID : [_XXXX] New Reel ID : [_XXXX]</p> <p>[YES] button : Splicing execute [NO] button : Splicing cancel</p> <p>When it is different that an old reel has done the splice from the intention. Please confirm whether the reel has done the splice on the Remain Edit screen, and delete the splicing reel not intended.</p>	
25168	Parts Setup of less than Remain Stop Count	<p>The Parts which was less than remain stop count was setup. Please confirm whether a right parts is set.</p> <p>Parts ID _XXXX Lot ID _XXXX Tray ID _XXXX Palette ID _XXXX Palette set position _XXXX</p>	
25169	Internal fixed plateID or cartID is invalid error.	<p>Internal fixed plateID or cartID of setup feeder is invalid. It is only space or tab.</p> <p>Measures method: Please consult your distributor for further information.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25170	Barcode Reading Failure	<p>Action List for recovery:</p> <ol style="list-style-type: none"> 1. Please push START button and AutoRunning. 2. When this error occurs even if autoRunning, there is a possibility that a barcode format is not registered. Please start the ID editor of the server PC, and please confirm the barcode which became the error. (*Please refer to [Detail] tab for a detailed content.) <p>Barcode _XXXX</p> <p>Cause:</p> <ul style="list-style-type: none"> - Failed in reading of the barcode. - The barcode which scanned is not registered with an ID editor. 	<p>Confirm method of Scanned Barcode:</p> <ol style="list-style-type: none"> 1. ID Editor can start with the Server machine. 2. The Barcode that fails in the Analysis is scanned or is input. [Common Machine]-[Register ID Format]-[GroupXX] (*The value of 01-10 enters for "XX".)-[Code Value] of ID Editor. 3. Press [Test for Priority] button. Analysis result becomes "OK". 4. When an analysis result becomes "NG", a barcode format is not registered. Please register by an ID editor.
25171	Start setup cancellation	<p>When start setup cancellation, all parts which have been setup become the setup non-completion state, The confirmation work of the parts is necessary again.</p>	
25172	Failed to setup cancellation	<p>Please do setup cancellation again.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25173	Splicing Parts Error	<p>In parts that did the splice, there is a possibility of mis-mounting.</p> <p>Parts different from parts on the feeder were scanned. Please confirm whether correct parts are spliced. Or, please confirm whether parts to be scanned are correct.</p> <p>Feeder ID : _XXXX Set No : _XXXX</p> <p>Parts ID : _XXXX Lot ID : _XXXX Reel ID : _XXXX</p>	
25500	PARTS REMAIN STOP	<p>Parts remain count reached to the "Stop Parts Count". Please refill the parts and start auto-running again. If the parts rest count for the parts is different from the actual rest count, please correct the parts rest count at the parts remain edit window and re-start auto-running, please.</p> <p>Name _XXXX Comment _XXXX Feeder set position _XXXX Parts Stock Position _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25501	PARTS QUANTITY ERROR	Parts quantity is not specified. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX	
25502	Operator Name Registration Error	Operator name which is registered at ID-Editor is not registered at "Operator Setting" window. Please select the "Setup" - "Software Setting" - "Operator Setting", and execute the operator registration. Operator name has to be registered at both of "Software Setting" and "ID-Editor". Operator Name _XXXX	
25503	Operator Name Registration Error	Operator name for the scanned OperatorID is not registered. Please execute the operator registration at "Software Setting". Operator ID _XXXX	
25504	Alternative Parts Empty Warning	One of the alternative parts became empty. Please refill the parts. Name _XXXX Comment _XXXX Feeder set position _XXXX Palette set position _XXXX Parts Stock Position _XXXX	
25505	File Read Error	It is failed to read the "CartMagazine" file. Please confirm whether the file path setting is correct at "Machine" - "Option Setting" window. If the setting is correct, network trouble or server PC trouble is considered.	
25506	Cart Number Registration Error	The cart number for this cartID or cart number is not registered. Please register the cart number at "ID-Editor". Cart ID _XXXX Cart Number _XXXX	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25507	Cart/Magazine Setup Error	This cart/magazine is different from the one registered for the current board data in advance. Please setup the correct cart/magazine shown below. Cart Number _XXXX Setting Position _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25508	Cart Setup Error	This cart is different from the one registered for the current board data in advance. Please setup the correct cart shown below. Cart Number _XXXX Setting Position _XXXX	
25509	Cart Setup Error	This cart is different from the one registered for the current board data in advance. Please setup the correct cart shown below. Cart Number _XXXX Setting Position _XXXX	
25510	Cart Setup Error	This cart is different from the one registered for the current board data in advance. Please setup the correct cart shown below. Cart Number _XXXX Setting Position _XXXX	
25512	Cart Setup Error	For this cart position, no cart is set up. Please setup the cart and scan the barcode again. Setting Position _XXXX	
25513	Cart/Magazine Setup Error	This cart/magazine is already set up to the other position. Cart Number _XXXX	
25514	Verify Plate error	The scanned plate barcode is not correct. Please scan the plate barcode shown below. In feeder verify action, it is required to scan the same plate barcode at the beginning and the last. Plate Number _XXXX	
25515	Verify Cart Error	The scanned cart barcode is not correct. Please scan the cart barcode shown below. In verify action, it is required to scan the same cart barcode at the beginning and the last. Cart Number _XXXX	
25516	Feeder/Palette Setup Error	The Feeder/Palette is set to the wrong position. Please re-setup in the right set position. Feeder Set Position [_XXXX] Right Feeder Set Position [_XXXX] Palette Set Position [_XXXX]_XXXX Right Palette Set Position [_XXXX]_XXXX	
25519	Board Data Non-Saved Error	Board data is changed. Please save the board data to execute the setup check to the changed board data.	

Ea : Application Error

No	Title	Message	Detail (Action)
25521	Board Data Non-Saved Error	Board data is changed. To start auto-running, please save the board data. When using the IT-Option functions, machine cannot start auto-running with the un-saved board data.	
25522	Data Registration Error	_XXXX data is not registered. Barcode data for the items shown above which is specified in the current board data is not registered. Please execute the registration at "ID-Editor".	
25523	Mirror installation of the alternative	parts is not carried out. Mirror installation of LED and the adjustment resistance parts needs to be carried out with the before side cart and the backside cart.	
25524	Data Registration Error	_XXXX data is not registered. Item name which is to be checked is not registered in the current board data. Please register the item name which is used in the current board data at "ID-Editor".	
25533	Cannot use backside parts	After having constructed the alternative loop, it is in the state where backside parts cannot be used. Please confirm a cart, when you exchange and the cart is used, whether parts are supplied. Feeder No. _XXXX Parts No. _XXXX Parts name _XXXX Parts comment _XXXX	
25534	Splicing Point Detect Error	Splicing point for the parts below was not detected. The parts rest count can be wrong. Please correct the rest count at the parts remain edit window and start auto-running, Feeder No. _XXXX Parts No. _XXXX Parts name _XXXX Parts comment _XXXX	
25537	Magazine Number Registration Error	The magazine number for this magazineID is not registered. Please register the magazine number at "ID-Editor". Magazine ID _XXXX	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25538	Magazine Setup Error	For this magazine position, no magazine is set up. Please setup the magazine and scan the barcode again. Setting Position _XXXX	
25539	Barcode Scan Error	Scanned barcode type is not correct. Please scan the correct barcode again. RequestedID _XXXX ScannedID _XXXX	
25540	Cart Set Error	This cart can not have the cartID sensor. To use this cart, please scan the cart set position barcode and cartID barcode.	
25543	PartsID Registration Error	The scanned partsID is not registered. Please execute the registration at "ID-Editor". When using the auto-registration function, the registration is not performed for the parts which are not used in the current board data.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25544	Parts Re-Verify Error	The parts linked to the feeder is not re-confirmed. Please scan the parts barcode to check the attached parts.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25545	The Setting that the Barcode Reader is wrong.	Action List for recovery: 1. Please confirm the Setting of the Barcode Reader. 2. Please set the Barcode Reader of the machine. 3. Please select Board Data in [Setup]-[Board]. (*Please refer to [Detail] tab for a detailed content.) Please call Assistant of this facilities when it is not solved by the problem. Cause: - The setting that the Barcode Reader is wrong.	Confirm method of setting the Barcode Reader of the machine: 1. Please set the "RS-232C". [Setting]-[Machine Information]-[Communication Setting] of the machine setting. 2. Please set the "Scanner Setting". [Setting]-[Option Setting]-[Scanner Setting] of the machine setting. 3. After Save, scan the Barcode with the Barcode Reader on the Scanner Setting window. *Please operate 1. and 2. again if the data scanned with the Barcode Reader is not displayed on this screen.

Ea : Application Error

No	Title	Message	Detail (Action)
25546	Parts Registration Error	Failed to execute the parts ID auto registration. Please register the partsID at "ID-Editor".	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25547	Different Parts Error	The parts kinds of new parts and old parts is different. Please check if the new parts is correct and scan the barcode again.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25548	No Used Parts Warning	This parts is not used in the current board data. If you want to setup this parts, please clear this error message and continue the scan operation. If the scanned parts is wrong, please cancel the scan operation first and then setup the correct parts.	
25549	Ascending Order Setup Error	The setup order is not correct. Please setup the parts in the ascending order.	
25550	No Parts Error	The scanned feeder is not linked to any parts. Please scan the parts barcode to link the parts and the feeder.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25551	No Parts Error	The scanned palette is not linked to any parts. Please scan the parts barcode to link the parts and the palette.	

Ea : Application Error

No	Title	Message	Detail (Action)
25552	Splicing Parts Error	<p>In parts that did the splice, there is a possibility of mis-mounting.</p> <p>Parts specified for the splice are being used with the machine now. The parts which is used with the machine cannot be specified for a splice parts.</p> <p>Please confirm whether correct parts are spliced. Or, please confirm whether parts to be scanned are correct.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25553	Splicing Parts Error	<p>In parts that did the splice, there is a possibility of mis-mounting.</p> <p>The splice cannot be done with specified parts. In splicing work, this work is stopped because the kind of the part is different from former part and latter part.</p> <p>Please confirm whether correct parts are spliced. Or, please confirm whether parts to be scanned are correct.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25554	Splicing Parts Error	<p>In parts that did the splice, there is a possibility of mis-mounting.</p> <p>The splice cannot be done with specified parts. In splicing work, this work is stopped because reel of a latter part is same as a former part.</p> <p>Please confirm whether correct parts are spliced. Or, please confirm whether parts to be scanned are correct.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25555	Splicing Error	<p>It is failed to link the old parts and the new parts. Please execute the splicing operation again.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25556	Feeder Verify Error	<p>This function is not available for the tray parts.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25557	No Parts Error	The scanned set position is not linked to any parts. Please scan the parts barcode to link the parts and the set position.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25558	No Parts Error	The scanned set position is not linked to any parts. Please scan the parts barcode to link the parts and the set position.	
25559	PartsID Info Registration Error	PartsID Info, as parts quantity, are not registered. Please execute the partsID registration (quantity setting) at "ID-Editor".	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25560	Board Data Error	When loading the current board data, the error has occurred with the data check. Please modify and save the board data, and then select(load) that data again. When board data is not correct, setup support window cannot show the correct info.	
25561	File Access Error	Failed to access the data shown below. File Type : _XXXX Failed to _XXXX the _XXXX .	
25562	File Access Error	File Type : _XXXX _XXXX does not exist.	
25563	File Access Error	Failed to create the directory shown below. Directory : _XXXX	
25564	File Access Error	It is not a directory. Directory : _XXXX	
25565	Parts Preparation Error	Parts-prepare operation is not available when feederID barcode or paletteID barcode is not scanned.	

Ea : Application Error

No	Title	Message	Detail (Action)
25567	Dummy PartsID Registration Error	The parts data which use the dummy parts barcode ("Non Barcode") has not been registered. To use this barcode, please register the dummy parts for which the parts barcode is not scanned at "ID-Editor".	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25568	Dummy Parts Not Used Error	The parts which use the dummy parts barcode ("Non Barcode") does not exist in the current board data.	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25569	Dummy Parts Quantity Error	The quantity of the dummy parts is not specified. Please register the parts quantity at "ID-Editor".	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25570	Parts Dump Error	Selected parts cannot be dumped. Please Dump parts again after stopping auto-running operation.	
25571	Parts Dump Error	The spliced parts cannot be dumped. As for the spliced reel, the reel information (reel file) is automatically dumped when the splicing point is detected.	
25573	Set Number Error	The scanned set number does not exist on this machine. Please check if the scanned set position is correct.	
25574	Set Number Error	The scanned set number is not required to setup the parts in the current board data. Please check if the set position is correct.	
25575	Reel Select Error	The selected reel can be used on other machine. Please check if the selected reel is correct.	

Ea : Application Error

No	Title	Message	Detail (Action)
25576	Reel Select Error	It is failed to identify the reel. The selected reel can already be used. Please check the state of the reel to be used.	
25577	Splicing Point Detect Error	There are some parts of which the splicing point was not detected. Please correct the parts rest count or delete the old reel at the parts remain edit window. Without executing the above operation at the remain edit window, machine cannot start auto-running. Parts name _XXXX Parts comment _XXXX Feeder set position _XXXX Palette set position _XXXX	
25578	PARTS REMAIN STOP	Parts remain count reached to the "Stop Parts Count". Please refill the parts and start auto-running again. If the parts rest count is different from the actual rest count, please correct the parts rest count at the parts remain edit window and start auto-running, please. Name _XXXX Comment _XXXX Palette set position _XXXX _XXXX Parts Stock Position _XXXX	
25579	SPLICING POINT CHECK	Continuous pickup error more than the splicing point check count was detected in the splicing point check area. Is the parts shown below is exactly at the splicing point? [Yes] The parts used now is switched to the latter one. And the parts remain count is changed to the one of the latter parts. [No] The parts used now is still former one. Parts Name _XXXX Parts Comment _XXXX Feeder set position _XXXX	
25580	Setup Parts Error	The wrong parts were attached. Please check whether the right parts are attached. Feeder Set Position [_XXXX] Palette Set Position [_XXXX] Right Parts Name [_XXXX] Right Parts Comment [_XXXX] Setup Parts ID [_XXXX]	
25581	PARTS SETUP INCOMPLETED	The setup of the following parts are not completed. Setup the correct parts, and start auto-running operation after scanning bar code. Parts Number _XXXX Parts Name _XXXX Parts Comment _XXXX Feeder set position _XXXX Palette set position _XXXX _XXXX	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.

Ea : Application Error

No	Title	Message	Detail (Action)
25582	PRINTER ITEM SETUP INCOMPLETED	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25583	ITEM SETUP INCOMPLETED	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25584	SETUP CHECK IS NOT COMPLETED	The target file for the setup check doesn't exist. Action list for recovery: - Please load the board data again. After it works,start auto-running again after you complete the assignment check. If this problem is not solved, please call an administrator of this machine.	
25585	PARTS/FEEDER CONBINATION ERROR	The combination of parts and feeder is not correct. Please check the correct combination and setup again. Parts _XXXX Feeder _XXXX	
25586	PARTS CONBINATION ERROR	The combination of parts is not correct.	
25587	PARTS PREPARATION ERROR	This function is not available for the tray parts and stick parts.	
25588	Splicing Error	Splicing of the parts ID which cannot be used is carried out by this parts name. Please setup again by another reel (stick). Name _XXXX Comment _XXXX Set position _XXXX	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25590	Squeegee Setup Error	The squeegee which cannot be used in this equipment was scanned. Please setup again by correct squeegee. Squeegee _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25591	File Data Error	Data in the file is abnormal. _XXXX	
25592	Internal Process Error	Abnormality was detected by the following processing. _XXXX	The following are thought as other causes. - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25593	Item ID Unregistration Error	Item ID of the scanned item is not registered. Please register item ID in the "ID-Editor". Item ID _XXXX	
25594	Unused Item Error	It is an item which is not used in the selected board data. Please cancel the scanning work, and setup a correct item.	
25595	Abnormal within a combination table	Abnormalities were discovered with the table check created from a LED rank table and the Board data chosen. - Parts Name of Board data is not exist LED rank table. _XXXX _XXXX _XXXX Please check in Excel or Editor.	
25596	Magazine Position Barcode Scan Error	The format of "Magazine Position Barcode" is not correctly registered. Please confirm whether "TrayChangerType" of "Magazine Position Barcode" in the Barcode Format Editor is correctly set.	
25597	Tray Changer Type Barcode Scan Error	"TrayChangerType" of scanned barcode is not set to this machine. Please confirm whether the barcode label is correct. Scanned TrayChangerType : _XXXX	
25598	Initialize Plate Error	The specified plate was not able to be initialized. The following causes are thought. -Neither the Cart nor the Magazine are set at the specified position. -The plate position and the Magazine position that did not exist were specified. Specified Plate/Magazine : _XXXX	
25599	Barcode Terminal Error	In an Environmental Module, The failure or the initialization of the communication failed. Confirm safety and after power supply OFF Please reactivate this machine. Please consult the manager.	

Ea : Application Error

No	Title	Message	Detail (Action)
25600	Board condition un-adjustment.	Please remove the board of _XXXX and re-supply from upstream conveyer.	
25601	Board condition un-adjustment.	A board is undetectable although ID information on _XXXX exists. Do you want to eliminate ID information? When ' _XXXX ' is chosen, ID information is deleted. When ' _XXXX ' is chosen, please put a board on _XXXX .	
25602	ASSY un-registering error	The detected ASSY article watch is not registered into a program list. Please edit a program list. ASSY : _XXXX Surface Information : _XXXX	
25603	Board data un-registering error	The Board data which was able to be drawn from the detected ASSY article watch does not exist in a machine. Please create Board data to see you edit a program list. ASSY : _XXXX Surface Information : _XXXX Board data : _XXXX	
25604	Different Production Type was input.	Different production type was input. Please input production type producing now. Production type producing now is as follows. Product Type : _XXXX Surface Information : _XXXX	
25605	BOARD INJECTION DURING PRODUCTION	The board which can be injected currently is _XXXX Please make sure the board and put on the _XXXX in the conveyer.	
25609	The Board has been lost.	The Board on the lower buffer conveyer has been lost at the following position. _XXXX [Exit position] Please return the Board to former position according to the position of ID information. Please delete ID information when you remove the Board as it is. ID information on the conveyer can be confirmed by the ID monitor.	
25610	Illegal Board was detected.	An illegal Board was detected on the lower buffer conveyer at the following position. _XXXX [Exit position] Please remove an illegal Board without ID information. ID information on the conveyer can be confirmed by the ID monitor.	

Ea : Application Error

No	Title	Message	Detail (Action)
25611	Board ID Illegal	Inputted ID is inaccurate. Please retry or input Board ID manually. Board ID: _XXXX	
25615	DEFINED PRODUCTION AMOUNT OF BOARDS IS REACHED	The boards that exceeded the defined production amount arrived. To continue the production, change the defined production amount.	
25616	DEFINED PRODUCTION AMOUNT OF BOARDS IS REACHED.	To continue the production, set the [Board/Schedule] parameter to 0. When switching the Board data, make sure that there is no Board on the buffer conveyor.	
25617	INITIALIZE ERROR OF AUTO PLAN	Reading of a command definition file went wrong. Please check whether a file exists. This file is required when plan mode is "Board Id plan". Please change plan mode, when this file is unnecessary. File path _XXXX	
25618	First Board Check	The check on the _XXXX result by moving camera will start. [OK]The check will start. [Cancel]The check won't start. After completion of the check, please start auto-running.	
25619	Final Board Check	The check on the _XXXX result by moving camera will start. [OK]The check will start. [Cancel]The check won't start. After completion of the check, please start auto-running.	
25620	Interval Board Check	The check on the _XXXX result by moving camera will start. [OK]The check will start. [Cancel]The check won't start. After completion of the check, please start auto-running.	
25621	INITIALIZE ERROR OF AUTO PLAN	Reading of Board Id information item definition file went wrong. Please check whether a file exists. File path _XXXX	
25622	INITIALIZE ERROR OF AUTO PLAN	Communication port did not open. Please check a setup of command definition file or check whether it's equipped with the extended communication board. This communication port is required when plan mode is "Board Id plan". Please change plan mode, when unnecessary. Port number: _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25623	Take over file write-in error	<p>Writing of take over file went wrong. Please confirm the followings. After it finished, please start auto-running.</p> <p>1. Please confirm the connection with Server PC. 2. Please close the file when it is opened to Server PC.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25624	Take over file reading error	<p>Reading of take over file went wrong. Please confirm the followings. After it finished, please start auto-running.</p> <p>1. Please confirm the connection with Server PC. 2. Please close the file when it is opened to Server PC.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
25630	Program list file access failure.	<p>Since other equipment or external PC is using the program list, it cannot be edited. Please stop editing by corresponding equipment. Equipment under edit: _XXXX</p>	
25631	Board ID reading error	<p>Reader Index : 1 Status : _XXXX Reading Result: _XXXX Reader Index : 2 Status : _XXXX Reading Result: _XXXX Please retry or input Board ID manually.</p>	
25632	Stop Auto program change	<p>Because it is producing by Auto program change, it is limited to select Board Data. If it wants to select Board Data, it is necessary to stop Auto program change.</p> <p>If it wants to stop Auto program change, please operate it as follows.</p> <p>1. Please reset the machine. 2. Please remove Board in the machine. 3. Please remove Board ID in the machine. 4. Please push [Auto Pgm change Use] button by [Monitor] - [Production] - [Auto Pgm change].</p>	
25633	Auto Plan mode change	<p>Auto plan mode is changed. Change of Auto plan mode deletes all of ID information, the production number of sheet, and the production plan number of sheet. When you start production, please reread production kind information. When Auto plan mode is "None", please start production in the usual procedure.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25634	Auto Plan start error	In the state where there is no production kind information, Board was detected at the last process. Auto plan cannot be started with this. Since production kind information is reread, please start production.	
25635	Production Plan error	Production for schedule number of sheets is not completed. Although production of a stock-in-hand kind cannot be continued when auto plan mode is changed, do you want to chage auto plan mode?	
25636	THERE IS NO BOARD ID INFOMATION.	Board ID information doesn't exist in sub stopper position. Automatic plan operation can't be continued. Remove the board of sub stopper position.	
25637	THERE IS NO BOARD ID INFOMATION.	Board ID information doesn't exist in upper buffer conveyor position. Automatic plan operation can't be continued. Remove the board of upper buffer conveyor position.	
25638	THERE IS NO BOARD ID INFOMATION.	Board ID information doesn't exist in main stopper position. Automatic plan operation can't be continued. Remove the board of main stopper position.	
25639	Auto plan start error	The error occurred during the automatic plan change. The current board data differs from the program name contrasted from production kind information. Production of as it is present is uncontinuable. When you resume production, please cope with it as follows. 1. Automatic plan use mode is changed into "No Use." 2. Board data is reread from a Setup screen. 3. Automatic plan use mode is changed into "Use." 4. Automatic operation is resumed and production kind information is reread.	
25640	Auto plan warning	The error occurred during automatic plan operation. Please cope with it as follows and check the contents of an error displayed. -It stands by until all the Board in a machine are conveyed. -Auto running is stopped.	
25641	NO BOARD DATA	Although automatic reading of a dummy board was performed, the specified Board data does not exist. BOARD DATA _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25642	PLEASE SCAN THE KANBAN CODE.	KANBAN cord is not scanned. Please start auto running operation after scanned KANBAN code.	
25643	KANBAN ID READOUT ERROR	KANBAN ID cannot be read. Cause It is an auto plan "Not Use." Please change to an auto plan "Use".	
25644	KANBAN ID READOUT ERROR	KANBAN ID cannot be read. Cause Next ASSY information has already been registered. Please cancel registered information when you want to register ASSY information again. Please reset it when you want to cancel.	
25645	KANBAN ID READOUT ERROR	KANBAN ID cannot be read. Cause The error occurred during automatic plan operation. Please cope with it as follows and check the contents of an error displayed. -It stands by until all the Board in a machine are conveyed. -Automatic operation is stopped.	
25646	KANBAN ID READOUT ERROR	KANBAN ID cannot be read. Cause KANBAN ID cannot be read at a present operator level. Please operate it by the operator to whom the readout of KANBAN ID is permitted.	
25647	KANBAN ID READOUT ERROR	KANBAN ID cannot be read. Cause A Board or Board ID information exists in equipment. Please reset it after removing all Board and Board ID information in equipment.	
25648	KANBAN ID READOUT ERROR	KANBAN ID cannot be read. Cause Emergency Stop Function Is Active. Check for safe conditions and press the READY button to re-enable the machine.	
25649	Program List File Read Failure	The reading of a file went wrong.	
25650	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	The Board program name and current Board program name of a take over File differ from each other. Please, check the following data. Board name in take over file _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25651	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	The number of BLOCK BADMARK of a take over file is not in agreement with the contents registered into the board. Please, check the following data. BLOCK BADMARK data in take over file.	
25652	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	The number of LOCAL BADMARK of a take over file is not in agreement with the contents registered into the board. Please, check the following data. LOCAL BADMARK data in take over file.	
25653	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	No BADMARK transmission data in take over file. Please, check the following data. BADMARK data in take over file.	
25654	The Board has been lost.	The Board on the lower buffer conveyer has been lost at the following position. _XXXX [Check position] Please return the Board to former position according to the position of ID information. Please delete ID information when you remove the Board as it is. ID information on the conveyer can be confirmed by the ID monitor.	
25655	Illegal Board was detected.	An illegal Board was detected on the lower buffer conveyer at the following position. _XXXX [Check position] Please remove an illegal Board without ID information. ID information on the conveyer can be confirmed by the ID monitor.	
25656	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	Failed to get Board BADMARK data.	
25657	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	Failed to get BLOCK BADMARK data.	
25658	AUTO PLAN BADMARK INFORMATION TRANSMISSION ERROR	Failed to get LOCAL BADMARK data.	
25659	Put In Board	It puts in the following Board removed in the past. Lot Num:_XXXX Serial Num:_XXXX Board Count:_XXXX Mounting Status:_XXXX Removed Time:_XXXX Removed Equipment:_XXXX Please check a Board and put in _XXXX .	

Ea : Application Error

No	Title	Message	Detail (Action)
25660	Removed Board Id Delete	Do you want to delete Removed Board Id of the line chosen now?	
25661	Put In Board Error	Removed Board Id chosen now does not already exist by the deletion from other equipment, or automatic deletion.	
25662	Kind Mismatch of The Board Id To Put In	The Board to put in was detected as production kind information differed. Assy:_XXXX Surface Information:_XXXX Program Name:_XXXX Does it plan from this information?	
25663	Auto Plan Invalid Path Error	The following automatic plan setting path is an invalid path. Please change into an effective path. _XXXX	
25664	Program List File Write Failure	The writing of a file went wrong. Please check the state of a file and edit again.	
25667	Program List File Maintenance Confirmation	Kind Information on 3000 lines or more is registered in Program List file. The performance of the machine might decrease when 3000 lines or more are registered.	
25668	Program List File Maintenance Confirmation	Same two or more Kind information as Program List file is registered. Please edit Program List file.	
25669	Reading Files	Now reading the File...	
25670	Writing Files	Now writing the File...	
25672	Board ID Information Recovery	Board ID information on production exists. The restoration of board ID information is based on information on production. _XXXX	
25673	Board ID Reading Result Is Not Input	Please input "Board ID Reading Result".	
25675	Production type switching was stopped	Production type switching was stopped. Please close all opened dialog and start the machine, when you want to switch again the production type.	

Ea : Application Error

No	Title	Message	Detail (Action)
25676	Program list search failed.	<p>Program list files is not read and search failed.</p> <p>Action List for recovery:</p> <ol style="list-style-type: none"> 1. Please confirm the network connection. 2. Please confirm the condition of server system. 3. Please confirm the program list. <p>Please refer to [Detail] tab for a detailed content.</p>	<ol style="list-style-type: none"> 1. Has LAN cable been inserted in this machine? 2. Is the state of "DAL" of server machine beginning by [Start Menu]-[Control Panel]-[Administration Tools]-[Services]? 3. Is program list of this machine read by [Monitor]-[Auto Plan Change]-[Program List Viewer]?
25677	Judgment of Product Type is failed.	<p>The same Product Type as producing now arrived to the previous position. But board name in arrived Board ID and current board name are different.</p> <p>Product Type is judged again. Please operate as follows.</p> <ol style="list-style-type: none"> 1. Please reset the machine. 2. Please start auto runing. 	
25678	Mismatch of Board ID	<p>Board ID in the _XXXX does not match to current Product Type.</p> <p>Please operate as follows.</p> <ol style="list-style-type: none"> 1. Please stop the upper machine. 2. Please remove the board carrying in the _XXXX . 3. Please remove Board ID in _XXXX . 4. Please reset the machine. 5. Please start auto runing, and Product Type is switched. 6. Please stop the machine, and put in the board and Board ID. 	
25679	Auto program change is stopped.	<p>When Auto program change is stopped, product type is not changed. If product type is changed, please start Auto program change.</p> <p>If it wants to start Auto program change, please operate it as follows.</p> <ol style="list-style-type: none"> 1. Please reset the machine. 2. Please remove Board in the machine. 3. Please remove Board ID in the machine. 4. Please push [Auto Pgm change Use] button by [Monitor] - [Production] - [Auto Pgm change]. 	
25680	Product type is not switched.	<p>Product type is not switched. Please start auto running operation after switched product type.</p>	
25681	Board Check by Camera	<p>To check board by moving camera, auto runing was stopped. Please operate as follows.</p> <ol style="list-style-type: none"> 1. Please push the [ERROR CLEAR] button. 2. Please select to check board in the displayed dialog. 3. After checking and correcting, please start auto runing. 	

Ea : Application Error

No	Title	Message	Detail (Action)
25684	Board Illegal Detection Error	The Board was detected during the automatic plan change. Please confirm the state of the board and the board detect sensor, and start auto running.	
25685	Board ID Illegal Detection Error	Board ID not let to be detected was found while Auto program changing. Please delete Board ID, and start auto running. If it is displayed unusual window with message, please record the message. Please consult your distributor for further information.	
25686	Stop Auto program change	Because it is producing by Auto program change, it is limited to select Board Data. If it wants to select Board Data, it is necessary to stop Auto program change. If it wants to stop Auto program change, please operate it as follows. 1. Please reset the machine. 2. Please remove Board in the machine. 3. Please remove Board ID in the machine. 4. Please push [Auto Pgm change Use] button by [Setup] - [Utility] - [Auto Pgm change] or [Monitor] - [Production] - [Auto Pgm change].	
25687	Auto program change is stopped.	Because it is producing by Auto program change, it is limited to select Board Data. If it wants to select Board Data, it is necessary to stop Auto program change. If it wants to stop Auto program change, please operate it as follows. 1. Please reset the machine. 2. Please remove Board in the machine. 3. Please remove Board ID in the machine. 4. Please push [Auto Pgm change Use] button by [Setup] - [Utility] - [Auto Pgm change] or [Monitor] - [Production] - [Auto Pgm change].	
25689	ASSY un-registering error	The detected ASSY is not registered into a program list. Please edit a program list. Lane1 ASSY : _XXXX Surface Information : _XXXX Lane2 ASSY : _XXXX Surface Information : _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25690	Board data un-registering error	<p>The Board data which is searched from detected ASSY does not exist. Please create the Board data or edit the program list.</p> <p>Lane1 ASSY : _XXXX Surface Information : _XXXX Board data : _XXXX</p> <p>Lane2 ASSY : _XXXX Surface Information : _XXXX Board data : _XXXX</p>	
25691	Switch production type.	<p>Following Kanban code was scanned.</p> <p>Lane1 Lane2 Production Type : _XXXX _XXXX Surface Information : _XXXX _XXXX Program Name : _XXXX _XXXX Board Count : _XXXX _XXXX</p> <p>Board File Name : _XXXX Create time : _XXXX May it be changed the Board Data based on above information?</p>	
25692	Switch production type.	<p>Following product type was selected.</p> <p>Lane1 Lane2 Production Type : _XXXX _XXXX Surface Information : _XXXX _XXXX Program Name : _XXXX _XXXX Board Count : _XXXX _XXXX</p> <p>Board File Name : _XXXX Create time : _XXXX May it be changed the Board Data based on above information?</p>	
25693	PCB CHECK MODE	<p>There is the board requesting visual confirmation on the buffer conveyer. Please clear this error and press the check button of the buffer conveyer after performing visual confirmation.</p>	
25697	Combination of these board data Error	<p>Combination of these board data cannot start auto running. Please edit the program list or these board data.</p> <p>Board Data Lane 1 : _XXXX Lane 2 : _XXXX</p>	
25699	Product Type Registration Error	<p>To switch to this board data, registered product type of another lane need to cancel. Please operate it as follows.</p> <ol style="list-style-type: none"> 1. Reset the lane of registered product type. 2. The product type to register again. 	

Ea : Application Error

No	Title	Message	Detail (Action)
25700	Traceability log folder was changed	<p>Because traceability log was not saved, folder to be saved it was changed from master to slave. Please execute the following measures, and solve the problem. When the problem is solved, folder is changed to master.</p> <p>Measure:</p> <ol style="list-style-type: none"> 1. Please confirm the connection with Server PC. 2. Please close traceability log file when it is opened to Server PC or Y.Fact. 3. Please confirm file path. [Machine] - [Option Setting] - [Detail Setting] 	
25701	Traceability log folder was changed	<p>Free disk space on Server PC is not enough. Folder to be saved traceability log was changed from master to slave. Please execute the following measures, and solve the problem. When the problem is solved, folder is changed to master.</p> <p>Measure:</p> <ol style="list-style-type: none"> 1. Please secure free disk space on Server PC. 	
25702	Recover traceability log folder	Traceability log folder is recovered.	
25703	Disk free space is not enough	<p>Free disk space on local folder is not enough. It was the state that traceability log was not able to save. Please execute the following measures, and solve the problem. When the problem is solved, folder is changed to master.</p> <p>Measure:</p> <ol style="list-style-type: none"> 1. Please confirm the connection with Server PC. 2. Please secure free disk space on Server PC. 3. Please confirm file path. [Machine] - [Option Setting] - [Detail Setting] 4. Please close traceability log file when it is opened to Server PC or Y.Fact. 	
25704	Traceability log can not be saved	<p>Because traceability log can not be saved, the machine can not be started. Please execute the following measures, and solve the problem. After please start again the machine.</p> <p>Measure:</p> <ol style="list-style-type: none"> 1. Please confirm the connection with Server PC. 2. Please secure free disk space on Server PC. 3. Please confirm file path. [Machine] - [Option Setting] - [Detail Setting] 4. Please close traceability log file when it is opened to Server PC or Y.Fact. 	
25830	PositionFreeSetup	Are the parts freely arranged?	
25831	PositionFreeSetup Error	<p>Board data is changed. Please save the board data to execute the setup check to the changed board data.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
25832	PositionFreeSetup Error	The adsorption operation of parts cannot be done at the installed feeder set position. Please install those parts in another position.	
25833	PositionFreeSetup Error	Parts demanded by the substrate data are not installed in the machine. Please confirm parts installed in the feeder.	
25834	PositionFreeSetup Error	The error message, the alert message or the dialog box is displayed. It was not possible to begin to optimize automatically, and to drive automatically. Begin to shut clearness or the dialog of the message, and to drive.	
25900	Moisture time limit of parts have passed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25901	Moisture time limit of parts approach.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25902	Moisture time limit of alternative parts have passed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25903	Oxidation time limit of parts have passed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Oxidation time limit _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25904	Oxidation time limit of parts approach.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Oxidation time limit _XXXX	
25905	Oxidation time limit of alternative parts have passed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Oxidation time limit _XXXX	
25906	Guaranteed time limit of parts have passed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Guaranteed time limit _XXXX	
25907	Guaranteed time limit of parts approach.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Guaranteed time limit _XXXX	
25908	Guaranteed time limit of alternative parts have passed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Guaranteed time limit _XXXX	
25909	It is not time that parts can still be used.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Use permission time limit _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25910	Moisture reset processing of parts was not completed.	Set number _XXXX Parts name _XXXX Parts ID _XXXX Parts lot _XXXX Parts serial _XXXX Complete reset moisture time limit _XXXX Moisture reset processing was stopped.	
25911	Moisture time limit of solder have passed.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25912	Moisture time limit of solder approach.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25913	Oxidation time limit of solder have passed.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Oxidation time limit _XXXX	
25914	Oxidation time limit of solder approach.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Oxidation time limit _XXXX	
25915	Guaranteed time limit of solder have passed.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Guaranteed time limit _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25916	Guaranteed time limit of solder approach.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Guaranteed time limit _XXXX	
25917	It is not time that solder can still be used.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Use permission time limit _XXXX	
25918	Moisture reset processing of solder was not completed.	Solder name _XXXX Solder ID _XXXX Solder lot _XXXX Solder serial _XXXX Complete reset moisture time limit _XXXX Moisture reset processing was stopped.	
25919	Moisture time limit of Printer ITEM have passed.	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25920	Oxidation time limit of Printer ITEM have passed.	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25921	Guaranteed time limit of Printer ITEM have passed.	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25922	It is not time that Printer ITEM can still be used.	The setup of the following items can not use yet. Wait Use permission time, and start auto-running. Item Name _XXXX Required Item _XXXX Operation _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25923	Moisture time limit of Item have passed.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25924	Moisture time limit of Item approach.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Moisture time limit _XXXX Moisture time limit accumulation time (minutes) _XXXX	
25925	Oxidation time limit of Item have passed.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Oxidation time limit _XXXX	
25926	Oxidation time limit of Item approach.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Oxidation time limit _XXXX	
25927	Guaranteed time limit of Item have passed.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Guaranteed time limit _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25928	Guaranteed time limit of Item approach.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Guaranteed time limit _XXXX	
25929	It is not time that Item can still be used.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Use permission time limit _XXXX	
25930	Moisture reset processing of Item was not completed.	Item Define Name _XXXX Item name _XXXX Item ID _XXXX Item lot _XXXX Item serial _XXXX Complete reset moisture time limit _XXXX Moisture reset processing was stopped.	
25931	Moisture time limit of User Definition ITEM have passed.	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25932	Oxidation time limit of User Definition ITEM have passed.	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25933	Guaranteed time limit of User Definition ITEM have passed.	The setup of the following items are not completed. Setup the correct items, and start auto-running operation after scanning bar code. Item Name _XXXX Required Item _XXXX Operation _XXXX	
25934	It is not time that User Definition can still be used.	The setup of the following items can not use yet. Wait Use permission time, and start auto-running. Item Name _XXXX Required Item _XXXX Operation _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
25935	Pulled pallet time limit over error	<p>The parts of the pulled pallet is time limit over.</p> <p>Mount No. _XXXX Head No. _XXXX Parts No. _XXXX Pulled Pallet No. _XXXX Parts Current Pallet No. _XXXX Parts Start Pallet No. _XXXX Parts End Pallet No. _XXXX</p>	<p>Please change the parts of the applicable pallet.</p> <p>When there is already the parts which is effective to other pallet, Please reset, and restart at the Halfway Continue.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
29000	BOARD DATA ERROR	Auto tray changer is not available on this machine. Mount data _XXXX Component data _XXXX Name _XXXX	
29001	BOARD DATA ERROR	Ext. tray changer is not available on this machine. Mount data _XXXX Component data _XXXX Name _XXXX	
29002	BOARD DATA ERROR	Feeder Type of the component information was defined for Auto tray changer, but no Auto tray changer is configured on this machine. Please change the setting.	
29003	BOARD DATA ERROR	Feeder Type of the component information was defined for Ext. tray changer, but no Ext. tray changer is configured on this machine. Please change the setting.	
29004	BOARD DATA ERROR	Auto tray changer is not available, because it is not exist on this machine. Component Name _XXXX	
29005	BOARD DATA ERROR	Ext. tray changer is not available, because it is not exist on this machine. Component Name _XXXX	
29010	BOARD DATA ERROR	Pick-up position of the following tray parts is outside the moving area. Component data _XXXX Name _XXXX Tray X=_XXXX , Y=_XXXX Component X=_XXXX , Y=_XXXX axes _XXXX	
29011	WARNING : PICK POSITION FOR TRAY	The position for the tray is out of range for the pallet. Component data _XXXX Name _XXXX There are danger that heads may interfere Palette Edge, Camera, and Nozzle Station. <Check Point> Parts Info - Pick - Pick Position Parts Info - Tray - Comp Amount X,Y / Comp Pitch X,Y Parts Info - Tray - Tray X,Y / Tray Pitch X,Y	
29012	Ext. tray changer Manual Axis moving error	Traverser(DX axis) cannot move, because station(DS axis) is in upper position. Please move a station(DS axis) to lower position.	
29013	Ext. tray changer Manual Axis moving error	Station(DS axis) moving area is limited, because Traverser(DX axis) is over station(DS axis). Please move Traverser(DX axis) to the position where station(DS axis) do not interfere.	

Ea : Application Error

No	Title	Message	Detail (Action)
29014	BOARD DATA ERROR	Pick-up position of the following tray parts is outside the moving area. There is a possibility that Ext.Tray Frame may interfere with Palette Edge. Please check Machine Data - Pallet Angle, Parts Info - Pick Position, Comp Amount X,Y. Component data _XXXX Name _XXXX Tray X=_XXXX, Y=_XXXX Component X=_XXXX, Y=_XXXX	
29020	BOARD DATA ERROR	Illegal Pallet-Start and Last number specified in the component data. Mount data _XXXX Component data _XXXX Name _XXXX	
29021	BOARD DATA ERROR	Illegal Comp.Amount or TrayAmount specified in the component data. In case using "Alternate Component" or "Count Out Stop" function, Y-Part Amount in TRAY information is required. Mount data _XXXX Component data _XXXX Name _XXXX	
29022	Tray changer Pallet number error	The specified pallet number is out of the range. Please check the pallet number and the machine data setting.	
29030	BOARD DATA ERROR	Pos. Definition must be "Teaching" for tray feeder component. Component data _XXXX Name _XXXX	
29031	BOARD DATA ERROR	When the alternative components loop which cross the tables of Auto tray changer, it can not specify alternative components for the same table. Component data _XXXX Name _XXXX	
29032	BOARD DATA ERROR	The function "Sp. Dump Back" cannot be used for Ext. Tray Changer. Please check "Dump Way" in Component Information.	
29033	BOARD DATA ERROR	In case of component supply from Auto Tray Changer, if the Dump way set to [Sp.Dump Back], the Tray Precede function cannot be used. Please set Tray Precede to [Not Use].	
29034	BOARD DATA ERROR	All the heads of Ext.Tray changer are set in 'UnAvailable' at special setting 'ExtTrayHeadAvailable'. Please set at least one head in 'Available'.	

Ea : Application Error

No	Title	Message	Detail (Action)
29035	Collect Parts On Recovery Pallet	Max Parts Size' of recovery pallet was changed. Please collect parts on all recovery pallets and start production, because of the risk of parts interference.	
29040	Ext. tray changer Component non-supplement warning	Refill the following component, please. In refilling the component, it is neccessary to open the magazine door and push the indicator button. Because the indicator button is not pushed, the following component is empty state. Parts No. _XXXX Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29041	Ext. tray changer Component non-supplement warning	Refill the following component, please. In refilling the component, it is neccessary to open the magazine door and push the indicator button. Because the indicator button is not pushed, the following component is empty state. Parts No. _XXXX Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29042	Auto tray changer Component Empty warning	Refill the following component, please. In refilling the component, it is neccessary to open the magazine door and push the indicator button. Because the indicator button is not pushed, the following component is empty state. Parts No. _XXXX Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
29043	Auto tray changer Component Empty warning	<p>Refill the following component, please.</p> <p>In refilling the component, it is necessary to open the magazine door and push the indicator button.</p> <p>Because the indicator button is not pushed, the following component is empty state.</p> <p>Parts No. _XXXX Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX</p>	
29049	Auto tray changer Component Empty	<p>Cannot start production, because following component is empty. After supplement component and perform component supplement operation with Setup-TrayCnt, restart production, please.</p> <p>Component Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX</p>	
29050	Auto tray changer Pallet return error	<p>Failed to store the pallet. To start production again, please return the pallet to its assigned magazine.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX</p>	
29051	Ext. tray changer Pallet return error	<p>Failed to return the pallet to the magazine, because the state of following sensors are mis-match. Please return the pallet on the stage into the magazine.</p> <p>Stage No. _XXXX Pallet No. _XXXX Hook pallet exist sensor: Undetect pallet Stage set sensor: Detect pallet</p>	
29052	Auto tray changer Pallet set error	<p>Failed to pull out the pallet. To start production again, please return the pallet to its assigned magazine.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX</p>	
29053	Ext. tray changer Pallet set error	<p>Failed to pull out the pallet. Please check the pallet doesn't exist on the stage and restart production.</p> <p>Stage No. _XXXX Pallet No. _XXXX Stage set sensor: Undetect pallet</p>	
29054	Auto tray Changer Pallet return error	<p>Failed to store the pallet. To start production again, please return the pallet to its assigned magazine.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29055	Ext. tray changer Pallet return error	Failed to return the pallet to the magazine, because the state of following sensors are mis-match. Please return the pallet on the stage into the magazine. Stage No. _XXXX Pallet No. _XXXX Hook pallet exist sensor: Undetect pallet Stage set sensor: Detect pallet	
29056	Auto tray changer Pallet set error	Failed to pull out the pallet. To start production again, please return the pallet to its assigned magazine.	
29057	Ext. tray changer Pallet set error	Failed to pull out the pallet. Please check the pallet doesn't exist on the stage and restart production. Stage set sensor: Undetect pallet	
29058	Auto tray changer Pallet set error	The head of the machine is picking a component. If "SET PALLET" is executed, component will drop from head. Remove component from head and execute "SET PALLET" again.	
29059	Ext. tray changer Pallet set error	The head of the machine or ext. tray changer is picking a component. If "SET PALLET" is executed, the part will drop from head. Remove component from the head and retry "SET PALLET" again. again.	
29060	Auto tray changer Pallet return error	The destination magazine column is already occupied by another pallet. Please check whether the pallet isn't set at wrong column. And please check whether the Pallet Close sensor points to correct position. Mount data _XXXX Component data _XXXX Name _XXXX Pallet No. _XXXX Pallet close sensor: Detect pallet	
29061	Ext. tray changer Pallet return error	The destination magazine column is already occupied by another pallet. Please check whether the pallet isn't set at wrong column. And please check whether the Pallet Close sensor points to correct position. Stage No. _XXXX Pallet No. _XXXX Pallet close sensor: Detect pallet	
29062	Auto tray changer Pallet return error	The destination magazine column is already occupied by another pallet. Please check whether the pallet isn't set at wrong column. And please check whether the Pallet Close sensor points to correct position. Pallet close sensor: Detect pallet	

Ea : Application Error

No	Title	Message	Detail (Action)
29063	Ext. tray changer Pallet return error	The destination magazine column is already occupied by another pallet. Please check whether the pallet isn't set at wrong column. And please check whether the Pallet Close sensor points to correct position. Stage No. _XXXX Pallet No. _XXXX Pallet close sensor: Detect pallet	
29064	Auto tray changer Pallet set error	There is no designated pallet. Please check whether the pallet and the magazine are set correctly. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
29065	Ext. tray changer Pallet set error	There is no designated pallet in the magazine. Please check whether the pallet is set at correct column. And please check whether the Pallet Close sensor points to correct position. Stage No. _XXXX Pallet No. _XXXX Pallet close sensor: Undetect pallet	
29066	Auto tray changer Pallet set error	There is no designated pallet. Please check whether the pallet and the magazine are set correctly.	
29067	Ext. tray changer Pallet set error	There is no designated pallet in the magazine. Please check whether the pallet is set at correct column. And please check whether the Pallet Close sensor points to correct position. Stage No. _XXXX Pallet No. _XXXX Pallet close sensor: Undetect pallet	
29068	Auto tray changer Pallet set error	There is no designated pallet. Please check whether the pallet and the magazine are set correctly. Pallet _XXXX	
29069	Auto tray changer Pallet set error	The operation of manual pallet set was interrupted by emergency stop. There is a possibility that the position of the pallet is not correct. After releasing the "EMERGENCY STOP", Please make the door switch into 'close' and return the pallet.	
29070	Auto tray changer Pallet set error	Can not start production because the operation of manual pallet set is not completed. Please put the pallet back in the magazine by opening the door again, and restart the production.	
29071	Ext. tray changer Pallet set error	The head of the machine is picking a component. If "SET PALLET" is executed, component will drop from head. Remove component from head and execute "SET PALLET" again.	

Ea : Application Error

No	Title	Message	Detail (Action)
29072	Ext. tray changer Pallet set error	The head of the Ext. tray changer is picking a component. If "SET PALLET" is executed, component will drop from head. Remove component from head and execute "SET PALLET" again.	
29073	Ext. tray changer Pallet set error	Cannot set the designated pallet, because the magazine is not set. Please check whether the magazine of designated pallet is set correctly. And please check whether the Pallet Close sensor points to correct position. Stage No. _XXXX Magazine No. _XXXX Pallet No. _XXXX Magazine set sensor: Undetect magazine	
29074	Ext. tray changer Pallet set error	Cannot set the designated pallet, because the magazine is not set. Please check whether the magazine of designated pallet is set correctly. And please check whether the Pallet Close sensor points to correct position. Stage No. _XXXX Magazine No. _XXXX Pallet No. _XXXX Magazine set sensor: Undetect magazine	
29075	Auto tray changer Dump only pallet set error	There is no designated pallet. Please check whether the pallet and the magazine are set correctly. Pallet _XXXX	
29076	Auto Tray Failed to return pallet	Returning pallet was failed for pallet close sensor non-detection. There is danger of pallet crash in this state. Please be sure to do the following operation. 1. Confirm whether there is no pallet on the pallet stage. 2. Remove by the hand when a pallet exists on the pallet stage. Stage No. _XXXX Pallet No. _XXXX	
29077	Auto Tray Failed in Pull / Return Pallet	The action of pulling or returning pallet can not be executed, because of the failure of raising up the heads. Please raise up the heads by hands. The following causes are thought. - The heads have big size nozzles.	
29078	Failed to pull out the pallet for pick up.	It is not possible to pull it out though it tried to pull out parts that can be adsorbed. Because the door is open or the door switch is not Close. Pallet No. _XXXX	
29079	The tray door where to be return the palette is opening.	It is not possible to do though it tried to return the palette while drawing it out to pick out parts that can be pick up parts. Because The door is open or the door switch is not Close.	

Ea : Application Error

No	Title	Message	Detail (Action)
29080	Auto tray changer Component empty	Component counter reached specified number. Refill the components and run again. Component data _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29081	Ext. tray changer Component empty	Component counter reached specified number. Refill the components and run again. Component data _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29082	Auto tray changer Component empty	All components in alternative loop are not available. This can be caused by the followings: - Pick up or recognition error happened. - Component counter reached specified number. Refill the components or check trays and run again. Component data _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29083	Ext. tray changer Component empty	All components in alternative loop are not available. This can be caused by the followings: - Pick up or recognition error happened. - Component counter reached specified number. Refill the components or check trays and run again. Component data _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29084	Auto tray changer Components empty	All components in alternative loop are not available. This can be caused by the followings: - Door of auto tray changer was opened. - All components were empty. Close the door or supply components and run again. Component data _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29085	Ext. tray changer Door opening error	Cannot use the following component because the door is open. Please close the door and restart production. Component data _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29086	Auto tray changer Components empty	All the tray for the parts are not available. This can be caused by the followings: - All the tray is empty. - Tray changer door is open. Please supply parts or close the door and start auto-running again. Parts No. _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
29087	Ext. tray changer Component empty	Cannot use the following component because the component is empty. Please supply the component and restart production. Parts No. _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29088	Auto tray changer Confirmation of special dump back	A component will be dumped back to the tray. If you already supply component in the tray changer, Be sure to press "EMERGENCY STOP", remove the component from the head, and run again. Component data _XXXX Name _XXXX	
29089	Auto. tray changer Component empty stop	Following component of Auto.tray is empty. Refill the component and push the component supplement button, please. Parts No. _XXXX Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29090	Ext. tray changer Component empty stop	Following component of Ext.tray is empty. Refill the component and push the component supplement button, please. Parts No. _XXXX Name _XXXX Comment _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX	
29092	Auto Tray Recovery Pallet Full Error	Auto tray recovery pallets are Full. The part was not returned to recovery pallet. Please collect parts on recovery pallet. And push pallet indicator button and start production.	
29093	Auto Tray Recovery Pallet Full Warning	Auto tray recovery pallets are Full. Please collect parts on recovery pallet. And push pallet indicator button.	
29094	Auto Tray Pallet Set Error	There is no designated dump pallet. Please check whether the pallet and the magazine are set correctly. Pallet No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
29100	Auto tray changer Pallet set error	Failed to start the Hook Action. Please check the following items: 1. Set Pallet (No. _XXXX) correctly. 2. The hook nail is curved. 3. The sensor of hook is broken. 4. The magazine is put illegal position. 5. The door is open. If the pallet is out of the magazine, then: 1. Be sure to press "EMERGENCY STOP". 2. Remove the pallet from the stage. 3. Return the pallet to its magazine.	
29101	Ext. tray changer Pallet set error	Failed to start the Hook Action. Please check the following items: 1. Set Pallet (No. _XXXX) correctly. 2. The hook nail is curved. 3. The sensor of hook is broken. 4. The magazine is put illegal position. 5. The door is open. If the pallet is out of the magazine, then: 1. Be sure to press "EMERGENCY STOP". 2. Remove the pallet from the stage. 3. Return the pallet to its magazine.	
29102	Auto tray changer Hook action error	Failed to start the Hook Action. Please check the following items: 1. The sensor of hook is broken. 2. The hook nail is curved. If the pallet is out of the magazine, then: 1. Be sure to press "EMERGENCY STOP". 2. Remove the pallet from the stage. 3. Return the pallet to its magazine.	
29103	Ext. tray changer Hook action error	Failed to start the Hook Action. Please check the following items: 1. The sensor of hook is broken. 2. The hook nail is curved. If the pallet is out of the magazine, then: 1. Be sure to press "EMERGENCY STOP". 2. Remove the pallet from the stage. 3. Return the pallet to its magazine.	
29104	Auto tray changer : Failed to pull out the pallet	Cannot set the designated pallet, because the Hook Pallet sensor doesn't detect pallet. Please check whether the designated pallet is set correctly. And please check whether the Hook Pallet sensor does work correctly. Stage No. _XXXX Pallet No. _XXXX Hook Pallet sensor:Undetect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	
29105	ATS hook action error	The hook doesn't move normally. Please check whether something is detected on stage set position sensor.	

Ea : Application Error

No	Title	Message	Detail (Action)
29106	Ext. tray changer Sensor mismatch	<p>The Stage Set sensor detects it, but the axis movement is not possible because the Pallet Exist sensor of the hook does not detect it.</p> <p>Please confirm whether the pallet is correctly set. Moreover, please confirm whether the Stage Set sensor and the Pallet Exist sensor of the hook are correctly reactive.</p> <p>Stage No. _XXXX</p> <p>*To check current sensor status, see [Unit]-[Ext. TC] or [I/O] view.</p>	
29107	Auto Tray Failed to Return Pallet	<p>Cannot return the pallet to the magazine, because the hook pallet sensor doesn't detect pallet. Please press the "EMERGENCY STOP" and return the pallet on the stage to the magazine by hand.</p> <p>Stage No. _XXXX Pallet No. _XXXX</p>	
29110	Auto tray changer Latch error	<p>The pallet latch condition is illegal. Please check the latch sensor and the tray changer. Possible causes are as follows: 1.The pallet latch does not work correctly. 2.The open/close sensor of pallet latch does wrong reaction.</p>	
29111	Ext. tray changer Latch error	<p>The pallet latch condition is illegal. Please check the latch sensor and the tray changer. Possible causes are as follows: 1.The pallet latch does not work correctly. 2.The open/close sensor of pallet latch does wrong reaction.</p>	
29120	Auto tray changer Magazine clamp error	<p>Can't work TrayChanger, because the magazine clamp is off. Please open the door and lock the magazine clamp.</p>	
29121	Ext. tray changer Magazine clamp error	<p>Can't work TrayChanger, because the magazine clamp is off. Please open the door and lock the magazine clamp. Stage No. _XXXX Magazine No. _XXXX</p>	
29122	Ext. tray changer Magazine clamp error	<p>The magazine clamp is off. Please open the door and lock the magazine clamp. Stage No. _XXXX Magazine No. _XXXX</p>	
29130	Auto tray changer : Pallet protrudes from magazine	<p>The pallet is protruded from the magazine. Please press the "EMERGENCY STOP" and return the pallet to the magazine by hand. Stage No. _XXXX Magazine No. _XXXX Pallet Origin _XXXX sensor:Detect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29131	Ext. tray changer Pallet protrude error	The pallet is out of the Ext.Tray magazine. Please press the "EMERGENCY STOP" and return the pallet to the magazine by hand. Stage No. _XXXX Magazine No. _XXXX	
29132	Auto tray changer Rack protrude error	The magazine is protruded to the door direction. Please check the Rack Origin sensor. And please check whether the magazine is set correctly.	
29133	Auto tray changer Restarting error	Can not restart production because tray changer is dangerous or unexpected status. If some pallets are out of the magazine, Please restore with the following procedure. 1. Press the "EMERGENCY STOP" 2. Remove the pallet by the hand 3. Press the ready button 4. Open the door and insert the pallet in original position 5. Close the door	
29134	Auto tray changer : Failed to return the pallet	The pallet is protruded from the magazine. Please press the "EMERGENCY STOP" and return the pallet to the magazine by hand. Stage No. _XXXX Magazine No. _XXXX Pallet Origin _XXXX sensor:Detect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	
29135	Auto tray changer : Failed to pull out the pallet	The pallet is protruded from the magazine. Please press the "EMERGENCY STOP" and return the pallet to the magazine by hand. Stage No. _XXXX Magazine No. _XXXX Pallet Origin _XXXX sensor:Detect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	
29136	Auto tray changer Restarting error	Can not restart production because tray changer is dangerous or unexpected status. If some pallets are out of the magazine, Please restore with the following procedure. 1. Press the "EMERGENCY STOP" 2. Remove the pallet by the hand 3. Press the ready button 4. Open the door and insert the pallet in original position 5. Close the door Stage No. _XXXX	
29137	Auto tray changer Restarting error	Can not restart production because tray changer is dangerous or unexpected status. If some pallets are out of the magazine, Please restore with the following procedure. 1. Press the "EMERGENCY STOP" 2. Remove the pallet by the hand 3. Press the ready button 4. Open the door and insert the pallet in original position 5. Close the door Stage No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
29140	Auto tray changer Pallet set error	The pallet is on the stage. Please put it into the magazine and execute it again.	
29141	Ext. tray changer Pallet set error	The pallet is on the stage. Please put it into the magazine and execute it again.	
29142	Auto tray changer : There is unknown pallet	Unknown pallet is detected by the sensor during pallet action. Please return the pallet to the magazine. Stage No. _XXXX Stage Set position sensor:Detect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	
29143	Ext. tray changer Pallet set error	Unknown pallet is detected by the sensor during pallet action. Please return the pallet to the magazine. Stage set sensor: Detect	
29144	Auto tray changer : Pallet was lost	A pallet is lost by the sensor during pallet action. Please check the pallet doesn't exist on the stage. Stage No. _XXXX Stage Set position sensor:Undetect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	
29145	Ext. tray changer Pallet set error	A pallet is lost by the sensor during pallet action. Please check the pallet doesn't exist on the stage. Stage set sensor: Undetect	
29146	Ext. tray changer Axis moving error	Stage(DZ axis) can't move, because Hook axis(DY axis) is near the magazine. On the [Unit]-[Ext. TC]-[Axis] screen, please keep away the hook axis (DY axis) from the magazine. Stage No. _XXXX	
29147	Auto tray changer : Failed to return the pallet	When returning pallet, unknown pallet was detected on stage. Please return the pallet on stage to magazine. Stage No. _XXXX Stage Set position sensor (ATS _XXXX) Stage Middle position sensor:Either Detect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	
29148	Auto tray changer : Failed to pull out the pallet	When pull out pallet, pallet was not detected on stage. If pallet is protruding from magazine, please return it to magazine. Stage No. _XXXX Stage Set position sensor:Undetect (ATS _XXXX) *To check current sensor status, see [Unit]-[Auto TC] or [I/O] view.	

Ea : Application Error

No	Title	Message	Detail (Action)
29149	Ext. tray changer Axis moving error	Stage(DZ axis) can't move, because the pulled pallet is near the magazine. On the [Unit]-[Ext. TC]-[Axis] screen, please keep away the hook axis (DY axis) from the magazine. Stage No. _XXXX	
29150	Auto Tray changer Door opening error	The door is open. Please close the door.	
29151	Ext. Tray changer Door opening error	The door is open. Please close the door.	
29152	Auto Tray changer Door opening error	The door is open or the door is not correctly closed. Please close the door. (When the door light is off in spite of the door switch 'close', please turn the door switch into 'open' once and turn it 'close'.)	
29153	Ext. Tray changer Door opening error	The door is open or the door is not correctly closed. Please close the door. (When the door light is off in spite of the door switch 'close', please turn the door switch into 'open' once and turn it 'close'.) Stage No. _XXXX	
29154	Auto tray changer Door opening error	Failed to servo-on because Auto tray changer door is open. Please close the opening door and press the 'READY' button again.	
29155	Ext. tray changer Door opening error	Failed to servo-on because Ext. tray changer door is open. Please close the opening door and press the 'READY' button again.	
29156	Auto tray changer Door opening error	The operation of opening the door was interrupted by "EMERGENCY STOP". There is a possibility that the position of the pallet is not correct. After releasing the "EMERGENCY STOP", Please open the door again and return the pallet. (If the door switch is already 'open', please turn the door switch into 'close' once and turn it 'open')	
29157	Auto tray changer Door opening error	Can not start production because the operation of opening the door is not completed. Though door switch is 'Open', the pallet has not been returned yet. This error is caused by interruptions of opening the door by emergency stop, etc. Please put the pallet back in the magazine by opening the door again, and restart the production.	

Ea : Application Error

No	Title	Message	Detail (Action)
29158	Auto tray changer Door opening warning	It may not move to the pallet drawer position, because the door switch was operated quickly. Please turn the door switch into 'close' once (the door light lights), and turn it 'open' again.	
29159	Auto tray changer Magazine set warning	The magazine is not set correctly. Please check the following points. 1. The magazine clamp must be locked correctly. 2. The pallet suppression of the magazine must be tightened correctly. 3. The pallet not protruding from the magazine.	
29160	Auto tray changer Door closing warning	The door was closed with the door switch 'close'. In this state, the tray changer can not work. Please turn the door switch into 'open', and turn it 'close' again.	
29161	Auto tray changer Door opening error	Can not open the door because of the INTERLOCK error. Please turn the door switch 'open' and remove the cause of the INTERLOCK error. Then please turn the door switch 'close' once again.	
29162	Ext. tray changer Door opening warning	It may not move to the pallet drawer position, because the door switch was operated quickly. Please turn the door switch into 'close' once (the door light lights), and turn it 'open' again.	
29163	Ext. tray changer Magazine set warning	The magazine is set, but the magazine clamp is not locked correctly. Please open the door and lock the magazine clamp.	
29164	Ext. tray changer Door closing warning	The door was closed with the door switch 'close'. In this state, the tray changer can not work. Please turn the door switch into 'open', and turn it 'close' again.	
29165	Ext. tray changer Door opening error	The door switch is 'open'. Please turn the door switch 'close'. (When the door is open, turn the door switch 'close' after closing the door first, please) Stage No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
29166	Auto Tray Door Open Error	<p>Please set the door switch to 'close', and press the emergency stop button, and then set the door switch to 'open' again.</p> <p>Stage No. _XXXX It failed in unlocking the magazine door, because the door open safety position sensor did not react.</p>	<p>Door Open Safety Position Sensor _XXXX did not react.</p> <p>When this error occurs frequently, it is necessary to adjust or exchange the door open safety position sensor.</p> <p>You can check the sensor state on [Unit]-[Auto TC] or [I/O] screen.</p>
29167	Auto Tray Door Open Error	<p>Please set the door switch to 'close', and perform Return-to-origin, and then set the door switch to 'open' again.</p> <p>When it is needed to open the magazine door without Return-to-origin, press the emergency stop button.</p> <p>Stage No. _XXXX Magazine No. _XXXX It failed in unlocking the magazine door, because Return-to-origin is not completed.</p>	
29168	Ext. Tray Door Open Error	<p>Please set the door switch to 'close', and press the emergency stop button, and then set the door switch to 'open' again.</p> <p>Stage No. _XXXX It failed in unlocking the magazine door, because the door open safety position sensor did not react.</p>	<p>Door Open Safety Position Sensor _XXXX did not react.</p> <p>When this error occurs frequently, it is necessary to adjust or exchange the door open safety position sensor.</p> <p>You can check the sensor state on [Unit]-[Ext. TC] or [I/O] screen.</p>
29169	Ext. Tray Door Open Error	<p>Please set the door switch to 'close', and perform Return-to-origin, and then set the door switch to 'open' again.</p> <p>When it is needed to open the magazine door without Return-to-origin, press the emergency stop button.</p> <p>Stage No. _XXXX It failed in unlocking the magazine door, because Return-to-origin is not completed.</p>	
29180	Auto tray changer Picking error	<p>Cannot pick a component from the tray. If components are empty, please supply components. When there are components, please check whether a component can be picked from a tray correctly. If there is a head vacuuming a component, remove it and restart production.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29181	Ext. tray changer Picking error	<p>Cannot pick a component from the tray. If tray components are empty, please supply components. When there are tray components, please check whether a component can be picked from a tray correctly. If there is a head vacuuming a component, remove it and restart production.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Start Pallet No. _XXXX End Pallet No. _XXXX Tray Head No. _XXXX</p>	
29182	Ext. tray changer Component supply error	<p>Failed to put the component on the station. There is a possibility that the component was dropped around the station. Please remove the component and restart production.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Station _XXXX Next tray position is for the next pick sequence. (X= _XXXX , Y= _XXXX)</p>	
29183	Ext. tray changer Component supply error	<p>The component is not placed correctly on the station. If the component is on the station, please remove it.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Station _XXXX Next tray position is for the next pick sequence. (X= _XXXX , Y= _XXXX)</p>	
29184	Ext. tray changer Component supply error	<p>Unknown component is on the station. Please remove the component and restart production.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Station _XXXX</p>	
29185	Ext. Tray changer Reset error	<p>The tray changer head or traverser station has a component attached to its nozzle (pad). Please remove the component.</p>	
29186	Ext. tray changer Component supply error	<p>Failed in component supply from the head of traverser to the station. There is a possibility that the component was dropped around the transfer course or the station. Please remove the component and restart production.</p> <p>Mount data _XXXX Component data _XXXX Name _XXXX Head number _XXXX</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29187	Ext. tray changer Component supply error	Failed in component supply from the head of traverser to the station. There is a possibility that the component was dropped around the transfer course or the station. Please remove the component and restart production. Mount data _XXXX Component data _XXXX Name _XXXX Head number _XXXX	
29188	Ext. tray changer Component supply error	When parts were mounted, ExtTray detected the error. There is a possibility of taking components home to the station. If there are components on the station, please remove the component and restart production. Station No. _XXXX	
29189	Ext. tray changer Axis moving error	Traverser(DX axis) cannot move, because station(DS axis) is dangerous position. Possible causes are as follows. Please check whether the axes are safe. 1. The head unit and the station interfere 2. The safety sensor of Station is illegal	
29190	Ext. tray changer Axis moving error	Station(DS axis) cannot move, because Traverser(DX axis) is dangerous position. Possible causes are as follows. Please check whether the axes are safe. 1. The head unit and the station interfere 2. The safety sensor of Traverser is illegal	
29191	Auto tray changer Picking error	Cannot pick a component from the tray. If tray components are empty, please supply components. When there are tray components, please check whether a component can be picked from a tray correctly. If there is a head vacuuming a component, remove it and restart production. Component data _XXXX Name _XXXX Error Pallet _XXXX Next tray position is as follows. Pallet No. _XXXX	
29192	Ext. tray changer Picking error	Cannot pick a component from the tray. If tray components are empty, please supply components. When there are tray components, please check whether a component can be picked from a tray correctly. If there is a head vacuuming a component, remove it and restart production. Component data _XXXX Name _XXXX Error Pallet _XXXX Tray Head No. _XXXX Next tray position is as follows. Pallet No. _XXXX	
29193	Ext. Tray changer Reset error	The head of ext. tray changer is vacuuming a component. Please remove the component and retry again.	

Ea : Application Error

No	Title	Message	Detail (Action)
29194	Ext. Tray changer Reset error	The station of ext. tray changer is vacuuming a component. Please remove the component and retry again.	
29195	Ext. tray changer Pick up error	Ext. tray head is vacuuming component. Remove it by hand. Failed to vacuum component, because vacuum level of head is already high. Head No. _XXXX	
29196	Auto tray changer Pallet mismatch error	The pulled Pallet No. that pick up parts is different from the Current Pallet No. of the parts information. Please reset, and restart at the Halfway Continue. Mount No. _XXXX Head No. _XXXX Parts No. _XXXX Pulled Pallet No. _XXXX Parts Current Pallet No. _XXXX Parts Start Pallet No. _XXXX Parts End Pallet No. _XXXX	
29197	Auto Tray Pulled Pallet Mismatch	There is a problem in the state of pulled pallet which the parts to be picked up are set. Please remove the pallet from pallet stage by hand. And reset machine and start production by 'Halfway Continue'. Either of the following situations has occurred. - Hook pallet exist sensor does not detect pallet. - Pallet clamp is off. - Current AH axis position is different from the right pulled position. Mount No. _XXXX Parts No. _XXXX Pallet No. _XXXX	
29198	Auto Tray Dump Parts Error	In returning the parts to the pallet, it failed in getting the target position. Please remove the parts from heads by hand. And reset machine and start production by 'Halfway Continue'. Mount No. _XXXX Stage No. _XXXX Pallet No. _XXXX	
29200	Auto Tray changer Reset abort error	Aborted the RESET process. When a pallet is out of the magazine, please remove it and return it to its assigned magazine by hand.	
29201	Ext. Tray changer Reset abort error	Aborted the RESET process. When a pallet is out of the magazine, please remove it and return it to its assigned magazine by hand.	

Ea : Application Error

No	Title	Message	Detail (Action)
29202	Ext. Tray changer Reset error	Because the station of ext. tray changer is vacuuming a component, a component that the head is vacuuming cannot supply to the station. Please remove the component and retry again.	
29203	Ext. tray changer Reset error	Failed to put the component on the station. There is a possibility that the component was dropped around the station. Please remove the component and retry again.	
29204	Ext. tray changer Reset error	Failed in component supply from the head of traverser to the station. There is a possibility that the component was dropped around the transfer course or the station. Please remove the component and retry again.	
29205	Ext. tray changer Reset error	Dump Station is not available. Check followings. - The Dump Station is not Full. - The Connection of the Dump Station to the machine. - Carts are setted correctly to the machine. And Reset again.	
29206	Ext. tray changer Reset error	Failed to up the station. There is a possibility that the traverser have the component. Remove the component from the traverser. And Reset again.	
29207	Ext. tray changer Reset error	Failed to transfer the component from the Station to the Dump Station. Remove the component from the Station. To transfer from the Station to the Dump Station. needs the parts setting. Check the Item : Parts / Basic / DumpWay is Recovery Unit. - There is a possibility that fail to pick up the component from Station.	
29210	Auto tray changer Timeout error	The head and Tray changer could not shake hand. Please inform follows No to the maker. Error Detail _XXXX ATS CTRL No. _XXXX	
29211	Auto tray changer Pallet status error	The reaction of the stage sensor is abnormal. Please confirm the state of the sensor and the pallet.	

Ea : Application Error

No	Title	Message	Detail (Action)
29212	Ext. tray changer Head action error	Failed to start the ExtTray Head Action. Please check the following items: 1. The sensor of Ext.Tray head is broken. 2. Part thickness on a pallet. 3. Tray thickness on a pallet.	
29220	ILLEGAL BOARD DETECTION ON BUFFER CONVEYOR	During conveyance from the check position to the exit position by the buffer conveyor, the Board was simultaneously detected on the following sensors. Check position sensor and Exit position sensor When the board is in both the check position sensor and the exit position sensor of the buffer conveyor, please take out Either the board.	
29221	ILLEGAL BOARD DETECTION ON BUFFER CONVEYOR	During check and conveyance from the check position to the exit position by the buffer conveyor, the Board was detected on the following sensor. Entrance position sensor. When the board is in both the check position sensor and the entrance position sensor of the buffer conveyor,	
29222	BUFFER CONVEYOR TRANSFER TIMEOUT ERROR	The following Board became the transfer error. The transfer Board from the entrance position to the check position Get rid of the following causes thought about, and please move forward the Board to the next transport position. - The Board has fallen from the conveyor. - The Board is caught on the way. - The conveyor belt is not turning. - The sensor has not detected the board. Move forward the Board to [check position]	
29223	BUFFER CONVEYOR TRANSFER TIMEOUT ERROR	The following Board became the transfer error. The transfer Board from the check position to the exit position Get rid of the following causes thought about, and please move forward the Board to the next transport position. - The Board has fallen from the conveyor. - The Board is caught on the way. - The conveyor belt is not turning. - The sensor has not detected the board. Move forward the Board to [exit position]	

Ea : Application Error

No	Title	Message	Detail (Action)
29224	BUFFER CONVEYOR TRANSFER TIMEOUT ERROR	<p>The following Board became the transfer error.</p> <p>The transfer Board from the exit position to the next machine</p> <p>Get rid of the following causes thought about, and please move forward the Board to the next transport position.</p> <ul style="list-style-type: none"> - The Board has fallen from the conveyor. - The Board is caught on the way. - The conveyor belt is not turning. - The sensor has not detected the board. <p>Move forward the Board to [next machine]</p>	
29226	ILLEGAL BOARD DETECTION ON BUFFER CONVEYOR	<p>During board transfer from the entrance position to the check position by the buffer conveyor, the Board was detected on the following sensor.</p> <p>Exit position sensor.</p> <p>Please take out the board on the exit position</p>	
29227	Buffer Conveyor Cover Open	<p>Buffer Conveyor Cover is open.</p> <p>Close the cover, please.</p> <p>LW axis cannot move in the state the cover is open.</p>	
29228	Buffer Conveyor Servo Control Error	<p>It failed in individual servo ON/OFF control of the LW axis.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - Defective operation of cover lock - Breakdown of cover contactor 	
29230	Ext. tray changer Door switch open error	<p>Failed to servo-on because the door switch is 'open'. There is a necessity to lock a door of a tray to reactivate a servo. Please turn the door switch into 'close'. And press the 'READY' button again after checking the door lock.</p>	
29231	Ext. tray changer Magazine clamp error	<p>Failed to servo-on because the magazine is not set correctly. There is a necessity to lock a door of a tray to reactivate a servo. Please lock the magazine clamp and turn the door switch into 'close'. And press the 'READY' button again after checking the door lock.</p>	
29232	Ext. tray changer Door close error	<p>Failed to servo-on because the door was closed with the door switch 'close'. There is a necessity to lock a door of a tray to reactivate a servo. Please turn the door switch into 'open', and turn it 'close' again. And press the 'READY' button again after checking the door lock.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29233	Auto tray changer Door switch open error	Failed to servo-on because the door switch is 'open'. There is a necessity to lock a door of a tray to reactivate a servo. Please turn the door switch into 'close'. And press the 'READY' button again after checking the door lock.	
29234	Auto tray changer Magazine clamp error	Failed to servo-on because the magazine is not set correctly. There is a necessity to lock a door of a tray to reactivate a servo. Please lock the magazine clamp and turn the door switch into 'close'. And press the 'READY' button again after checking the door lock.	
29235	Auto tray changer Door close error	Failed to servo-on because the door was closed with the door switch 'close'. There is a necessity to lock a door of a tray to reactivate a servo. Please turn the door switch into 'open', and turn it 'close' again. And press the 'READY' button again after checking the door lock.	
29236	Auto tray changer Rack protrude error	Failed to servo-on because the magazine is protruded to the door direction. There is a necessity to lock a door of a tray to reactivate a servo. Please set the magazine correctly and turn the door switch into 'close'. And press the 'READY' button again after checking the door lock.	
29237	Auto Tray Crash Warning	There is danger of pallet crash in this state because returning pallet is failed. Please be sure to do the following operation. 1. Confirm whether there is no pallet on the pallet stage. 2. Remove by the hand when a pallet exists on the pallet stage.	
29239	Auto Tray Door Open Error	Failed to servo-on because the door open safety position sensor does not react, when the magazine door is open. Please close the magazine door, set the door switch to 'close', and press the READY button again. Stage No. _XXXX	When this error occurs frequently, it is necessary to adjust or exchange the door open safety position sensor. You can check the sensor state on [Unit]-[Auto TC] or [I/O] screen.
29240	Ext. Tray Door Open Error	Failed to servo-on because the door open safety position sensor does not react, when the magazine door is open. Please close the magazine door, set the door switch to 'close', and press the READY button again. Stage No. _XXXX	

Ea : Application Error

No	Title	Message	Detail (Action)
29241	Auto Tray Unit Connection Error	<p>Please connect the auto tray unit to the machine. The unit position check sensor did not react.</p> <p>When there is a pallet on the pallet stage, remove it at first.</p> <p>You can check the sensor state on [Unit]-[Auto TC] or [I/O] screen.</p>	
29242	Auto Tray Unit Detach Error	<p>It is impossible to detach the ATS unit, because the ATS lock can not be released. Please deal with the cause of the error, and turn the ATS lock switch to "ON" and turn the switch to "OFF" again.</p> <p>Stage No. _XXXX The following causes are thought. - Pallet origin sensor detection - Stage set position sensor detection - Stage middle position sensor detection - Hook Pallet exist sensor detection</p> <p>You can check the sensor state on [Unit]-[Auto TC] or [I/O] screen.</p>	
29243	Auto Tray Unit Detach Error	<p>It is impossible to detach the ATS unit, because the ATS lock can not be released. Please keep away the Hook from the ATS unit, and turn the ATS lock switch to "ON" and turn the switch to "OFF" again. Please perform return-to-origin at first, when return-to-origin is not performed.</p> <p>Stage No. _XXXX</p>	
29244	Auto Tray Unit Attach Error	<p>It is impossible to attach the ATS unit, because the ATS lock can not work. Please deal with the cause of the error, and turn the ATS lock switch to "OFF" and turn the switch to "ON" again.</p> <p>Stage No. _XXXX The following causes are thought. - Unit position check sensor undetection - The Ats Lock switch is "OFF"</p>	
29245	Auto Tray Unit Attach Error	<p>Failed to servo-on. Please attach the ATS unit correctly, and turn the ATS lock switch to "ON".</p> <p>Stage No. _XXXX The following causes are thought. - Unit position check sensor undetection - Hook stopper sensor undetection</p> <p>You can check the sensor state on [Unit]-[Auto TC] or [I/O] screen.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29246	Auto Tray Hook Stopper Sensor Undetection	Under the condition of emergency stop because of undetection of the hook stopper sensor. Please attach the ATS unit correctly, and turn the ATS lock switch to "ON". The defect of the cylinder or the sensor of the hook stopper is thought when not restoring it.	
29259	ZS Feeder Top Cover Open	The top cover of ZS feeder was open, it changed into the emergency stop state. Please close the top cover of ZS feeder.	
29401	INTERLOCK ERROR	Wafer LXY axes can not move because the hook unit is up. Check the up-down sensor for the hook unit.	
29402	INTERLOCK ERROR	Wafer LXY axes can not move because the pallet is not fixed. Check the fixation and the sensor of the pallet.	
29403	INTERLOCK ERROR	Wafer LH axis can not move because the hook unit is down. Check the up-down sensor for the hook unit.	
29404	INTERLOCK ERROR	Wafer LH axis can not move because the LA axis are not on the proper position. Check the position of wafer LA axis.	
29405	INTERLOCK ERROR	Wafer LH axis can not move because the pallet is not released. Check the fixation and the sensor of the pallet.	
29406	INTERLOCK ERROR	Wafer LCXY axes can not move because the hook unit is up. Check the up-down sensor for the hook unit.	
29407	INTERLOCK ERROR	Wafer LFX axis can not move because the hook unit is up. Check the up-down sensor for the hook unit.	
29408	INTERLOCK ERROR	Wafer LP axis can not move because the hook unit is up. Check the up-down sensor for the hook unit.	
29409	INTERLOCK ERROR	Wafer LE axis can not move because a pallet is not on the proper position. Check the pallet position and the pallet sensor.	
29410	INTERLOCK ERROR	Wafer LA axis can not move because the LH axis are not on the proper position. Check the position of wafer LH axis.	

Ea : Application Error

No	Title	Message	Detail (Action)
29411	WAFER TRAY CHANGER ERROR	Hook safe position time-out. Check the hook safety sensor.	
29412	WAFER TRAY CHANGER ERROR	Hook fix open/close time-out. Check the hook fix open/close sensor.	
29413	WAFER TRAY CHANGER ERROR	"Wafer LH axis move" action was aborted due to emergency stop or other error.	
29414	WAFER TRAY CHANGER ERROR	"Wafer ring type check" action was aborted due to emergency stop or other error.	
29415	INTERLOCK ERROR	Wafer LH axis can not move because the hook fix pin unit is close. Check the hook fix open/close sensor.	
29416	INTERLOCK ERROR	Wafer LZ axis can not move because the Y-axis position is too near. Please check the position of Y-axis. Is there the Y-axis in rear of "Safety Pos for Magazine"?	
29417	INTERLOCK ERROR	The Y-axis can not move because the wafer LZ-axis is on up position. Please check the LZ-axis position. Is there the LZ-axis on "LZ Waiting Pos"?	
29418	WAFER TRAY CHANGER ERROR	Can not start production because the wafer ring type is unknwon. Please check the wafer ring is set on wafer table correctly.	
29419	WAFER TRAY CHANGER ERROR	"Wafer LZ axis move" action was aborted due to emergency stop or other error.	
29420	WAFER TRAY CHANGER ERROR	"Wafer LZ axis move" action was aborted due to emergency stop or other error.	
29421	WAFER TRAY CHANGER ERROR	Failed to start searching origin because the fix pin unit is up. Check the ejector unit sensor.	
29422	WAFER TRAY CHANGER ERROR	The wafer ring type and the wafer magazine type is not correct. Please check the wafer ring is set correctly. Please check the wafer magazine is set correctly.	
29423	INTERLOCK ERROR	Wafer LFX axis can not move because the LP axis position is too low. Check the position of wafer LP axis.	

Ea : Application Error

No	Title	Message	Detail (Action)
29424	INTERLOCK ERROR	Wafer LCXY axes can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29425	INTERLOCK ERROR	Wafer LZ axis can not move because a pallet is out of the magazine. Check the pallet position, machine head position and the sensor.	
29426	WAFER TRAY CHANGER ERROR	Failed to start searching origin because a pallet is out of the magazine. Check the pallet position, machine head position and the sensor.	
29427	INTERLOCK ERROR	Wafer LZ axis can not move because the LY axis stays between the magazine and wait position. Check the wafer LY axis position.	
29428	WAFER TRAY CHANGER ERROR	Failed to start searching origin because the hook safety sensor does not detect. Check the hook safety sensor.	
29429	WAFER TRAY CHANGER ERROR	Wafer heater ready time-out. The following cause can be considered. - Disconnection of a heater. - The temperature control machine is broken. - Breakdown of relay.	
29430	INTERLOCK ERROR	Wafer LH axis can not move because the LP axis are not on the proper position. Check the position of wafer LP axis.	
29431	INTERLOCK ERROR	Wafer LXY axes can not move because the ejector unit is not the lower end position and vacuum level is high. Check the ejector unit vacuum sensor.	
29432	WAFER TRAY CHANGER ERROR	"Wafer LXY axis move" action was aborted due to emergency stop or other error.	
29433	WAFER TRAY CHANGER ERROR	The wafer ring type and the wafer clamp type is not correct. Please check the wafer ring is set correctly. Please check the wafer clamp unit is set correctly.	
29434	INTERLOCK ERROR	Wafer LFX axis can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29435	INTERLOCK ERROR	Wafer LCXY axes can not move because the LP axis position is too low. Check the position of wafer LP axis.	

Ea : Application Error

No	Title	Message	Detail (Action)
29436	INTERLOCK ERROR	Wafer LXY axes can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29437	INTERLOCK ERROR	Wafer LFX axis can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29438	INTERLOCK ERROR	Wafer LCXY axes can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29439	INTERLOCK ERROR	Wafer LXY axes can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29440	INTERLOCK ERROR	Wafer LR axis can not move because the LP axis position is too low. Check the position of wafer LP axis.	
29441	INTERLOCK ERROR	Wafer LZ axis can not move because a pallet is out of the magazine. Check the pallet position, machine head position and the sensor.	
29442	WAFER TRAY CHANGER ERROR	Failed to start searching origin because a pallet is out of the magazine. Check the pallet position, machine head position and the sensor.	
29443	WAFER TRAY CHANGER ERROR	There is no pallet required in the magazine. Please check whether the pallet is set correctly. Mount data _XXXX Component data _XXXX Name _XXXX Pallet _XXXX	
29444	WAFER TRAY CHANGER ERROR	There is no pallet required in the magazine. Please check whether the pallet is set correctly.	
29445	WAFER TRAY CHANGER ERROR	"Wafer LP axis move" action was aborted due to emergency stop or other error.	
29446	WAFER TRAY CHANGER ERROR	"Wafer LP axis move" action was aborted due to emergency stop or other error.	
29447	MARK DETECTION ERROR	Failed to detect wafer fiducial mark.	

Ea : Application Error

No	Title	Message	Detail (Action)
29448	WAFER TRAY CHANGER ERROR	The wafer magazine type is unknown. Please check the wafer magazine is set on wafer table correctly. The pallet number in the component data is checked with the number of the maximum pallets of the magazine type which can be set.	
29449	WAFER TRAY CHANGER ERROR	Can not check pallet number in the component data because the wafer magazine type is unknown. Please check the wafer magazine is set on wafer table correctly.	
29500	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because transfer claw was in lower position. The transfer claw is compulsorily raised for the auto running. Please keep auto running. If it is other then auto-running reset and remove the problem.	
29501	INTERLOCK "FRONT-FEEDER SENSOR 1_2"	"FRONT-FEEDER SENSOR 1_2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29502	INTERLOCK "REAR-FEEDER SENSOR 1_2"	"REAR-FEEDER SENSOR 1_2" QUICK STOP FUNCTION is now active. To continue, please ensure that the rear feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29503	INTERLOCK "FRONT-FEEDER SENSOR 2_2"	"FRONT-FEEDER SENSOR 2_2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29504	INTERLOCK "REAR-FEEDER SENSOR 2_2"	"REAR-FEEDER SENSOR 2_2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29505	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (on right stage right side) Please move Board to safety position.	

Ea : Application Error

No	Title	Message	Detail (Action)
29506	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (between right stage and stageA) Please move Board to safety position.	
29507	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (between stageA and stageB) Please move Board to safety position.	
29508	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (between stageB and stageC) Please move Board to safety position.	
29509	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (between stageC and stageD) Please move Board to safety position.	
29510	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (between stageD and left stage) Please move Board to safety position.	
29511	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move. because there is a Board on the edge of the conveyor. (on left stage left side) Please move Board to safety position.	
29512	CONVEYOR INTERLOCK ERROR	Stage axis cannot move. because Z axis is moving or Z axis position safety sensor is OFF. Please check Z axis position.	
29513	QUICK STOP ACTIVE:	"SAFETY SENSOR FOR WIDTH AXIS" QUICK STOP FUNCTION is now active on stageA.	
29514	QUICK STOP ACTIVE:	"SAFETY SENSOR FOR WIDTH AXIS" QUICK STOP FUNCTION is now active on stageB.	
29515	QUICK STOP ACTIVE:	"SAFETY SENSOR FOR WIDTH AXIS" QUICK STOP FUNCTION is now active on stageC.	

Ea : Application Error

No	Title	Message	Detail (Action)
29516	QUICK STOP ACTIVE:	"SAFETY SENSOR FOR WIDTH AXIS" QUICK STOP FUNCTION is now active on stageD.	
29517	QUICK STOP ACTIVE:	"SAFETY SENSOR FOR WIDTH AXIS" QUICK STOP FUNCTION is now active on stage1.	
29518	QUICK STOP ACTIVE:	"SAFETY SENSOR FOR WIDTH AXIS" QUICK STOP FUNCTION is now active on stage2.	
29519	QUICK STOP ACTIVE:	QUICK STOP FUNCTION is now active on stageA, because board flap is up. Please down board flap.	
29520	QUICK STOP ACTIVE:	QUICK STOP FUNCTION is now active on stageB, because board flap is up. Please down board flap.	
29521	QUICK STOP ACTIVE:	QUICK STOP FUNCTION is now active on stageC, because board flap is up. Please down board flap.	
29522	QUICK STOP ACTIVE:	QUICK STOP FUNCTION is now active on stageD, because board flap is up. Please down board flap.	
29523	QUICK STOP ACTIVE	"FRONT-FEEDER UPPER SENSOR 1_1" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29524	QUICK STOP ACTIVE	"FRONT-FEEDER UPPER SENSOR 1_2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29525	QUICK STOP ACTIVE	"REAR-FEEDER UPPER SENSOR 2_1" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	
29526	QUICK STOP ACTIVE	"REAR-FEEDER UPPER SENSOR 2_2" QUICK STOP FUNCTION is now active. To continue, please ensure that the front feeders are inserted correctly. If the feeder exchange system is used, also ensure that the system is fixed properly.	

Ea : Application Error

No	Title	Message	Detail (Action)
29527	INTERLOCK ERROR	ACTION METHOD: Please execute Reset and work again. PHENOMENON: - The Scan Camera axis (SC axis) moves. - The Scan Camera exists under the head. Therefore, Z axis cannot moves.	
29528	INTERLOCK ERROR	ACTION METHOD: Please execute Reset and work again. PHENOMENON: - Head has moved down to the interfered height in Scan Camera. Therefore, The Scan Camera axis (SC axis) cannot moves.	
29529	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because there is a board on the edge of the conveyor.(between right stage) Please move board to safety position. Please reset it if you transport it. And, please return the board to the start position.	
29530	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because there is a board on the edge of the conveyor.(between stageA) Please move board to safety position. Please reset it if you transport it. And, please return the board to the start position.	
29531	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because there is a board on the edge of the conveyor.(between stageB) Please move board to safety position. Please reset it if you transport it. And, please return the board to the start position.	
29532	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because there is a board on the edge of the conveyor.(between stageC) Please move board to safety position. Please reset it if you transport it. And, please return the board to the start position.	
29533	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because there is a board on the edge of the conveyor.(between stageD) Please move board to safety position. Please reset it if you transport it. And, please return the board to the start position.	
29534	CONVEYOR INTERLOCK ERROR	Stage axis cannot move because there is a board on the edge of the conveyor.(between left stage) Please move board to safety position. Please reset it if you transport it. And, please return the board to the start position.	

Ea : Application Error

No	Title	Message	Detail (Action)
29535	FRONT IONIZER WARNING	An error occurred with the ionizer. Please confirm a state of an ionizer, and consult your distributor for further information.	
29536	REAR IONIZER WARNING	An error occurred with the ionizer. Please confirm a state of an ionizer, and consult your distributor for further information.	
29545	INTERLOCK ERROR	Can't start axis movement so that there is the feeder set position where a feeder is not set. Please confirm the feeder set position where is not set the feeder, and set it. If you do not use Check feeder plate occupation function, please set the following item in "Not Use". [Machine] - [Machine Information] - [Installation Setting] - [Check feeder plate occupation]	
29547	INTERLOCK "Table A air pressure down"	QUICK STOP ACTIVE: "AIR PRESSURE" QUICK STOP FUNCTION is now active. To continue, please check the air supply pressure Table A.	
29548	INTERLOCK "Table B air pressure down"	QUICK STOP ACTIVE: "AIR PRESSURE" QUICK STOP FUNCTION is now active. To continue, please check the air supply pressure Table B.	
29549	Out of movable area of Stage Unit	U2 axis is not enable to move, because stage unit is out of movable area. Please move U2 axis or W2 axis to safety position.	
29550	Out of movable area of Conveyor Width	W1axis or W2axis is not enable to move, because conveyor width is out of movable area. Please move W1 axis, W2 axis or U2 axis to safety position.	
29551	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move, because there is a Board on the edge of the conveyor. (between entrance conveyor and stage 2) Please move Board to safety position.	
29552	CONVEYOR INTERLOCK ERROR	Stage axis or Conveyor width cannot move, because there is a Board on the edge of the conveyor. (between stage 1 and stage 2) Please move Board to safety position.	

Ea : Application Error

No	Title	Message	Detail (Action)
29553	CONVEYOR INTERLOCK ERROR	Stage axis cannot move, because there is a board on the edge of the conveyor at stage 2. Please move Board to safety position.	
29554	INTERLOCK ERROR	Action List for recovery: Please execute Reset and operate again. Or, please operate again after moving Y axis to safe position. Reason: Each Y axis is in a dangerous area. Therefore, Y axis cannot move.	
29555	W Axis Interlock error	The Board exists on the conveyer, W Axis cannot be moved. Please press the "EMERGENCY STOP", and remove the board.	
29556	INTERLOCK ERROR	Action List for recovery: Please execute Reset and operate again. Reason: Stage axis can not move, because push-up unit was up.	
29557	CONVEYOR INTERLOCK ERROR	The entrance sensor at the lower machine was detected. There is a possibility that the board exist on between machines. When the function of "Stride Board Buffering" is effective, W Axis cannot be moved. Please operate the following procedures when the function is necessary. 1. Please press the "EMERGENCY STOP". 2. Please remove the board from between machines. 3. Please restart the operation. Please operate the following procedures when the function isn't necessary. 1. [Setting]-[Installation Setting]-[Stride Board Buffering(Lower)] is "Disable". 2. Please re-laod the board data. 3. Please restart the operation.	
29558	W-AXIS INTERLOCK ERROR	The conveyor width axis cannot be moved, because the width axis are in mutual proximity. Please narrow the conveyor.	
29559	Auto Tray AH-Axis Interlock Error	Auto tray AH axis (hook axis) cannot be moved, because current position is out of movable area. Please keep away AH axis (hook axis) from magazine.	

Ea : Application Error

No	Title	Message	Detail (Action)
29560	Interlock error between axis of width of the upstream buffer conveyer lanes	<p>Because the axis of the width of the conveyer of lane 1 and lane 2 approaches, the axis of the width of the conveyer cannot be moved.</p> <p>Please expand the axis of the width of the conveyer of lane 1 and lane 2.</p>	
29561	INTERLOCK ERROR	<p>Please execute Reset and operate again.</p> <p>W axis can not move, because push-up unit is up.</p>	
29562	INTERLOCK CHECK ON PU PLATE	<p>The sensor of the movable side conveyor rail detected interlock on the pushup plate in movable stage.</p> <p>Please remove the unnecessary pushup pins (etc...) on the pushup plate.</p>	
29563	INTERLOCK CHECK ON PU PLATE	<p>The sensor of the fixed side conveyor rail detected interlock on the pushup plate in movable stage.</p> <p>Please remove the unnecessary pushup pins (etc...) on the pushup plate.</p>	
29569	VACUUM PUMP MAINTENANCE WARNING	<p>The vacuum pump pressure reached the level of warning. The following causes are thought</p> <ul style="list-style-type: none"> - The filter of vacuum pump is plugged. - The vacuum course was abnormal. - The Brake of vacuum pump is worn. <p>Please maintain the vacuum pump, if operation time of the vacuum pump reaches it in rule time. If you continue using it in this condition, the vacuum pump may be damaged.</p>	
29570	VACUUM PUMP ERROR	<p>The vacuum pump pressure reached the level of error. If you don't remove the cause, it is impossible to start production.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The vacuum pump is not switched on. - The filter of vacuum pump is plugged. - The vacuum course is abnormal. - The vacuum pump broke down. 	
29571	AIR PRESSURE DOWN	<p>Vacuum pressure supplied to the ejector unit is illegal value. If you don't remove the cause, it is impossible to start production.</p> <p>The following causes are thought.</p> <ul style="list-style-type: none"> - The vacuum course is abnormal. 	

Ea : Application Error

No	Title	Message	Detail (Action)
29581	FRONT LEFT IONIZER WARNING	<p>An error occurred with the ionizer. Please confirm a state of an ionizer.</p> <p>Cause: -Contamination of the discharge needle. -Deterioration of the discharge needle. -Abnormal discharge.</p> <p>Measures: -Cleaning of the discharge needle. -Replacement of the discharge needle.</p>	
29582	FRONT RIGHT IONIZER WARNING	<p>An error occurred with the ionizer. Please confirm a state of an ionizer.</p> <p>Cause: -Contamination of the discharge needle. -Deterioration of the discharge needle. -Abnormal discharge.</p> <p>Measures: -Cleaning of the discharge needle. -Replacement of the discharge needle.</p>	
29583	TRAY CHANGER IONIZER WARNING	<p>An error occurred with the ionizer. Please confirm a state of an ionizer.</p> <p>Cause: -Contamination of the discharge needle. -Deterioration of the discharge needle. -Abnormal discharge.</p> <p>Measures: -Cleaning of the discharge needle. -Replacement of the discharge needle.</p>	
29584	INTERLOCK ERROR	<p>CZ axis is not in a safe position. Please check CZ axis position.</p>	
29585	INTERLOCK ERROR	<p>You can't move CZ axis, because X or Y axis is moving.</p>	
29586	CONVEYOR INTERLOCK ERROR	<p>Conveyor Up Down Unit cannot move, because there is a board on the edge of the conveyor at mount stage A.</p> <p>Please move Board to safety position.</p>	
29587	CONVEYOR INTERLOCK ERROR	<p>Conveyor Up Down Unit cannot move, because there is a board on the edge of the conveyor at mount stage B.</p> <p>Please move Board to safety position.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29588	CONVEYOR INTERLOCK ERROR	UA axis cannot move, because there is a Board on the edge of the conveyor. (between Work A and Exit A) Please move Board to safety position.	
29589	CONVEYOR INTERLOCK ERROR	UA axis cannot move, because there is a Board on the edge of the conveyor. (Exit A) Please move Board to safety position.	
29590	CONVEYOR INTERLOCK ERROR	UA axis cannot move, because there is a Board on the edge of the conveyor. (between Carry Out Wait and Carry Out A) Please move Board to safety position.	
29591	CONVEYOR INTERLOCK ERROR	UA axis cannot move, because there is a Board on the edge of the conveyor. (Carry Out A) Please move Board to safety position.	
29592	CONVEYOR INTERLOCK ERROR	UB axis cannot move, because there is a Board on the edge of the conveyor. (between Work B and Exit B) Please move Board to safety position.	
29593	CONVEYOR INTERLOCK ERROR	UB axis cannot move, because there is a Board on the edge of the conveyor. (Exit B) Please move Board to safety position.	
29594	CONVEYOR INTERLOCK ERROR	UB axis cannot move, because there is a Board on the edge of the conveyor. (Carry Out B) Please move Board to safety position.	
29595	CONVEYOR INTERLOCK ERROR	UB axis cannot move, because there is a Board on the edge of the conveyor. (between Carry Out B and Carry Out Wait) Please move Board to safety position.	
29596	CONVEYOR INTERLOCK ERROR	UA axis cannot move, because there is a board on the edge of the conveyor. Please move Board to safety position.	

Ea : Application Error

No	Title	Message	Detail (Action)
29597	CONVEYOR INTERLOCK ERROR	UB axis cannot move, because there is a board on the edge of the conveyor. Please move Board to safety position.	
29598	INTERLOCK "FORCE CTRL AIR PRESSURE"	QUICK STOP ACTIVE: "FORCE CTRL AIR PRESSURE" QUICK STOP FUNCTION is now active. To continue, please check the air supply pressure.	
29599	CONVEYOR INTERLOCK ERROR	Transfer Conveyor Rail Up Down Unit cannot move. Please move Board to the position where safety check sensor does not detect.	
29602	INTERLOCK ERROR	Action List for recovery: Please execute Reset and operate again. Or, please operate again after moving Y axis of conveyor to safe position. Reason: Each Y axis of conveyor is in a dangerous area. Therefore, Y axis of conveyor cannot move.	
29603	INTERLOCK ERROR	Action List for recovery: Please execute Reset and operate again. Or, please operate again after moving Z axis of mask to safe height, or moving Y axis of conveyor and mask to safe position. Reason: Each Y axis of conveyor or mask is in a dangerous area. Therefore, Y axis of conveyor cannot move.	
29604	INTERLOCK ERROR	Action List for recovery: Please execute Reset and operate again. Or, please operate again after moving Y axis of mask to safe position. Reason: Each Y axis of mask is in a dangerous area. Therefore, Y axis of mask cannot move.	
29605	INTERLOCK ERROR	Action List for recovery: Please execute Reset and operate again. Or, please operate again after moving Y axis of mask to safe position. Reason: Because the difference between mask Y axes exceeds the upper bound value. Therefore, Y axis of mask cannot move.	

Ea : Application Error

No	Title	Message	Detail (Action)
29606	VACUUM PUMP TEMPERATURE WARNING	<p>The temperature of the vacuum pump reached the level of warning.</p> <p>Cause:</p> <ul style="list-style-type: none"> - The vacuum pump is abnormal. - The FAN of vacuum pump BOX has stopped. - The filter of vacuum pump is plugged. <p>Measures:</p> <ul style="list-style-type: none"> - Please confirm the movement of the vacuum pump. - Please confirm the movement of The FAN of vacuum pump BOX. - Please confirm The filter of vacuum pump is not plugged. 	
29607	MZ AXIS INTERLOCK	<p>The MZ axis position is too low to move the X axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the MZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - If the X axis is moved, there is a possibility that the fix unit will bump / hit the mask unit. 	
29608	CONV SENSOR INTERLOCK	<p>The Waiting position sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Take the board in the waiting position off. - Move the PU axis downward. <p>Reason:</p> <ul style="list-style-type: none"> - If the X axis is moved to plus direction, there is a possibility that the board in the fix unit or push up pins will bump / hit the board in the waiting position. 	
29609	FLAP INTERLOCK	<p>The Flaps are in the lower position.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Release the flaps. <p>Reason:</p> <ul style="list-style-type: none"> - If the X axis is moved, there is a possibility that the fix unit will break the flaps and itself. 	
29610	MAIN STOPPER INTERLOCK	<p>The X axis cannot be moved because the main stopper is worked and board is fixed.</p> <p>Action list for recovery:</p> <p>Please operate one of the following action,</p> <ul style="list-style-type: none"> - Release the main stopper. - Unclamp the board. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the main stopper will bump / hit the fixed board or the push up pins. 	

Ea : Application Error

No	Title	Message	Detail (Action)
29611	GUILLOTINE INTERLOCK	<p>The guillotine sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Confirm that there is no board in the entrance and exit position. - When there is a board which stops between the lower or upper machine and this machine, take it off. <p>Reason:</p> <ul style="list-style-type: none"> - If Y axis is moved, there is a possibility that the board and the conveyor will be broken. 	
29612	MZ AXIS INTERLOCK	<p>The MZ axis position is too low to move the Y axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the MZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - If the Y axis is moved, there is a possibility that the fix unit will dump / hit mask unit. 	
29613	CLENER UNIT INTERLOCK	<p>The Cleaner unit is in the unknown position.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Confirm that the sensors detect the cleaner unit correctly on [Unit] - [I/O] screen. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility the sensor of the cleaner unit doesn't detect the cleaner unit position. This will cause the cleaner to bump / hit. 	
29614	CLEANER UNIT INTERLOCK	<p>The cleaner unit is raised. Or the cleaner unit position is out of range to move the axes.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Down the cleaner unit. - Move the axes to the safety position that the mask unit and the cleaner do not interfere. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the cleaner unit will bump / hit the mask unit. 	
29615	MZ AXIS INTERLOCK	<p>The MZ axis position is too low to move the W axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the MZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - If the W axis is moved, there is a possibility that the fix unit will bump / hit the mask unit. 	

Ea : Application Error

No	Title	Message	Detail (Action)
29616	BOARD INTERLOCK	<p>A board is fixed by the machine.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Release the board, and take it off. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that moving the W axis will cause the board and the conveyor to get broken. 	
29617	W AXIS BRAKE INTERLOCK	<p>The air brakes are applied.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Release the air brake. <p>Reason:</p> <ul style="list-style-type: none"> - If the W axis is moved, the brakes, the axis, the guide and the motor will be broken. 	
29618	PIN SENSOR INTERLOCK	<p>The push up pin sensor detected the push up pins, etc. in the moving area.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Please set up the push up pins, etc. correctly. - Take the push up pins, etc. off. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the conveyor will dump / hit the push up pins, etc. 	
29619	FIX UNIT POS. INTERLOCK	<p>The fix unit is not in the fix position.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the fix unit to the fix position. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the board will be fixed incorrectly. 	
29620	EDGE CLAMP INTERLOCK	<p>The edge clamp is applied.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Release the edge clamp. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that raising the PU axis will break the board, or flip the board up over the conveyor and cause it to crash with the conveyor 	
29621	SZ AXIS INTERLOCK	<p>The SZ axis is lower than the mask surface.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the SZ axis upward. - Set the mask after raising SZ axis. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility of crash, if the fix unit, the conveyor, or the squeegee is moved. 	

Ea : Application Error

No	Title	Message	Detail (Action)
29622	SZ AXIS INTERLOCK	<p>The SZ axis position is too low to move the SY axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the SZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the SY axis will bump / hit the mask, if the SY axis is moved. 	
29623	SZ AXIS INTERLOCK	<p>The SZ axis position is too low to move the SR axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the SZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the SR axis will bump / hit the mask, if the SR axis is moved. 	
29624	MZ AXIS INTERLOCK	<p>The MZ axis position is too low to move the MY1 axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the MZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the mask will bump / hit the conveyor, if the MY1 axis is moved. 	
29625	MZ AXIS INTERLOCK	<p>The MZ axis position is too low to move the MY2 axis.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the MZ axis upward. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility that the mask will bump / hit the conveyor, if the MY2 axis is moved. 	
29626	FIX UNIT INTERLOCK	<p>The fix unit is not in the initial position or the printing position.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Move the fix unit to the initial position or the printing position. <p>Reason:</p> <ul style="list-style-type: none"> - If the MZ axis is moved, there is a possibility that the mask unit will bump / hit the fix unit. 	

Ea : Application Error

No	Title	Message	Detail (Action)
29627	CONV SENSOR INTERLOCK	<p>The exit position sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Take the board in the exit position off. - Move the PU axis downward. <p>Reason:</p> <ul style="list-style-type: none"> - If the X axis is moved to minus direction, there is a possibility that the board in the fix unit or the push up pins will bump / hit with it. 	
29628	GUILLOTINE INTERLOCK	<p>The entrance guillotine sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Take the board off in the entrance position. <p>Reason:</p> <ul style="list-style-type: none"> - If the W axis is moved, there is a possibility that the board and the conveyor will be broken. 	
29629	CONV SENSOR INTERLOCK	<p>The waiting position sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Take the board off in the waiting position. <p>Reason:</p> <ul style="list-style-type: none"> - If the W axis is moved, there is a possibility that the board and the conveyor will be broken. 	
29630	CONV SENSOR INTERLOCK	<p>The exit position sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Take the board off in the exit position. <p>Reason:</p> <ul style="list-style-type: none"> - If the W axis is moved, there is a possibility that the board and the conveyor will be broken. 	
29631	GUILLOTINE INTERLOCK	<p>The exit guillotine sensor detected a board.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Take the board off in the exit position. <p>Reason:</p> <ul style="list-style-type: none"> - If the W axis is moved, there is a possibility that the board and the conveyor will be broken. 	
29633	WHEN XY AXIS MOVE, HEADS AND MOVING CAMERA HEIGHT WARNING	<p>When XY Axis Move, if heads and moving camera's height down, There is a possibility of coming in contact with mounted parts. Please operate it very carefully.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29635	FAILED TO RELEASE THE XY AXIS BRAKE	<p>The brake of the XY axis cannot be released because the MZ axis is not the movable height.</p> <p>Action list for recovery: - Move the MZ axis upward.</p> <p>Reason: - There is a possibility of crash, if the fix unit or the cleaner is moved.</p>	
29636	MZ AXIS INTERLOCK	<p>The MZ axis position is too low to move the Y axis.</p> <p>Action list for recovery: - Move the MZ axis upward.</p> <p>Reason: - There is a possibility that the cleaning unit is crashed against the mask plate, if the Y-axis is moved.</p>	
29637	UPPER MACHINE UA CONVEYOR INTERLOCK ERROR	<p>UB axis cannot move, because there is a Board on the edge of the upper machine conveyor.</p> <p>(Exit A or Carry Out A)</p> <p>Please move Board to safety position.</p>	
29638	LOWER MACHINE UB CONVEYOR INTERLOCK ERROR	<p>UA axis cannot move, because there is a Board on the edge of the lower machine conveyor.</p> <p>(Exit B or Carry Out B)</p> <p>Please move Board to safety position.</p>	
29639	FAILED TO RELEASE THE MY AXIS BRAKE	<p>The brake of the MY axis cannot be released because the MZ axis is not the movable height.</p> <p>Action list for recovery: - Move the MZ axis upward.</p> <p>Reason: - There is a possibility of crash, if the MY axis is moved.</p>	
29640	FAILED TO RELEASE THE MZ AXIS BRAKE	<p>The brake of the MZ axis cannot be released because the conveyor is the danger position.</p> <p>Action list for recovery: - Move the conveyor safety position.</p> <p>Reason: - There is a possibility of crash, if the MZ axis is moved.</p>	
29641	CONVEYOR AXIS INTERLOCK ERROR	<p>The XY-axis is stopped because the cover of connected other machines.</p> <p>There is a possibility the operator will be interfered with this machine, if operation will be continued.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29642	FIX UNIT BRAKE INTERLOCK	<p>Action list for recovery:</p> <ul style="list-style-type: none"> - Check the condition of the fix unit brakes. <p>Reason:</p> <ul style="list-style-type: none"> - Cannot verify condition of the fix unit brakes. <p>If the XY axis is moved, there is a possibility that the fixed state of the board might be released.</p>	
29643	FAILED TO RELEASE THE XY AXIS BRAKE	<p>The brake of the XY axis cannot be released because the board press is down.</p> <p>Action list for recovery:</p> <ul style="list-style-type: none"> - Up the board press. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility of crash, if the fix unit or the conveyor is moved. 	
29644	FAILED TO RELEASE THE X AXIS BRAKE	<p>The brake of the X axis cannot be released because the main stopper is worked and the board is fixed.</p> <p>Action list for recovery:</p> <p>Please operate one of the following action,</p> <ul style="list-style-type: none"> - Release the main stopper. - Unclamp the board. <p>Reason:</p> <ul style="list-style-type: none"> - There is a possibility of crash, if the fix unit or the conveyor is moved. 	
29900	SERVO CONTROLLER 1 ERROR	<p>When this error occurred, rebooting of the machine is necessary.</p> <p>After checking safety, please reboot this machine.</p> <p>Please call Assistant.</p>	
29901	SERVO CONTROLLER 2 ERROR	<p>When this error occurred, rebooting of the machine is necessary.</p> <p>After checking safety, please reboot this machine.</p> <p>Please call Assistant.</p>	
29902	A TABLE "EMERGENCY STOP" BUTTON IS ENABLED	<p>Check for safe conditions and press the READY button to re-enable the machine.</p> <p>The "EMERGENCY STOP" light will go off.</p>	
29903	B TABLE "EMERGENCY STOP" BUTTON IS ENABLED	<p>Check for safe conditions and press the READY button to re-enable the machine.</p> <p>The "EMERGENCY STOP" light will go off.</p>	
29904	C TABLE "EMERGENCY STOP" BUTTON IS ENABLED	<p>Check for safe conditions and press the READY button to re-enable the machine.</p> <p>The "EMERGENCY STOP" light will go off.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
29905	D TABLE "EMERGENCY STOP" BUTTON IS ENABLED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29906	A TABLE SAFETY COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29907	B TABLE SAFETY COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29908	C TABLE SAFETY COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29909	D TABLE SAFETY COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29910	A TABLE FES IS NOT CLAMPED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off. <Check items> 1.FES Forward end sensor 2.FES Up end sensor	
29911	B TABLE FES IS NOT CLAMPED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off. <Check items> 1.FES Forward end sensor 2.FES Up end sensor	
29912	C TABLE FES IS NOT CLAMPED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off. <Check items> 1.FES Forward end sensor 2.FES Up end sensor	
29913	D TABLE FES IS NOT CLAMPED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off. <Check items> 1.FES Forward end sensor 2.FES Up end sensor	

Ea : Application Error

No	Title	Message	Detail (Action)
29914	A TABLE NON STOP AREA SENSOR IS ENABLED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29915	B TABLE NON STOP AREA SENSOR IS ENABLED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29916	C TABLE NON STOP AREA SENSOR IS ENABLED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29917	D TABLE NON STOP AREA SENSOR IS ENABLED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29918	ENABLE SW "EMERGENCY STOP" BUTTON IS ENABLED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29919	BUFFER CONVEYOR COVER IS OPEN	Close the Buffer Conveyor Cover, and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29920	FEEDER CART(FRONT1) IS NOT SET	EMERGENCY STOP is activated. Set the feeder cart or close the cart cover, and press the [READY] button. Then the "EMERGENCY STOP" light will go off.	
29921	FEEDER CART(FRONT2) IS NOT SET	EMERGENCY STOP is activated. Set the feeder cart or close the cart cover, and press the [READY] button. Then the "EMERGENCY STOP" light will go off.	
29922	FEEDER CART(REAR1) IS NOT SET	EMERGENCY STOP is activated. Set the feeder cart or close the cart cover, and press the [READY] button. Then the "EMERGENCY STOP" light will go off.	
29923	FEEDER CART(REAR2) IS NOT SET	EMERGENCY STOP is activated. Set the feeder cart or close the cart cover, and press the [READY] button. Then the "EMERGENCY STOP" light will go off.	
29926	TRAY CHANGER COVER IS OPEN	Close the Tray Changer Cover, and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29927	CONVEYOR 1(RIGHT SIDE OF MACHINE) COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	

Ea : Application Error

No	Title	Message	Detail (Action)
29928	CONVEYOR 3(LEFT SIDE OF MACHINE) COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29929	ATS IS NOT CONNECTED TO MACHINE	Connect the ATS Unit to the Machine, and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29930	TEMPERATURE LIMIT OVER OF WAFER HEATER	The unusual temperature was detected. It cannot operate until it cancels and reboots the cause of the abnormalities in temperature. The following cause can be considered. <ul style="list-style-type: none"> - Disconnection of a temperature sensor - Disconnection of a heater - The abnormalities of an I/O system When abnormalities cannot be canceled, please switch the power supply off of a machine for safety.	
29931	FRONT ENTRY SAFETY COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29932	REAR ENTRY SAFETY COVER IS OPENED	Check for safe conditions and press the READY button to re-enable the machine. The "EMERGENCY STOP" light will go off.	
29933	CONVEYOR CONTROLLER ERROR	When this error occurred, rebooting of the machine is necessary. After checking safety, please reboot this machine. Please call Assistant.	
29934	FRONT HEAD CONTROLLER ERROR	When this error occurred, rebooting of the machine is necessary. After checking safety, please reboot this machine. Please call Assistant.	
29935	REAR HEAD CONTROLLER ERROR	When this error occurred, rebooting of the machine is necessary. After checking safety, please reboot this machine. Please call Assistant.	

Ea : Application Error

No	Title	Message	Detail (Action)
30003	The Board has been lost.	<p>Measures method 1: Please move boards during T axis transfer to the position before transfer.</p> <p>Measures method 2: Please delete Board ID with Board ID Monitor if you removed the boards.</p> <p>Check position : _XXXX</p>	
30004	The Board during carrying in has been lost.	<p>Measures method 1: Please move the board during carrying in to the Wait Position.</p> <p>Measures method 2: Please delete Board ID with Board ID Monitor, if you removed the board.</p> <p>Check position : _XXXX</p> <p>cause: Transferring the board to Wait Position has been started, but the board detection sensor of the Wait Position does not react.</p>	
30005	The Board has been lost.	<p>Measures method 1: Please delete Board ID from Board ID Monitor if you removed the board.</p> <p>Measures method 2: Please move the board to the following position.</p> <p>Check position : _XXXX</p> <p>Cause: There is Board ID at the position mentioned above, but a board detection sensor does not react.</p>	
30006	Unknown board is detected.	<p>Measures method 1: Please create Board ID from Board ID Monitor if you put the board.</p> <p>Measures method 2: Please remove the board at the following position.</p> <p>Check position : _XXXX</p> <p>Cause: There is not the Board ID at the position mentioned above, but a board detection sensor react.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30007	It is impossible to carry in the board.	<p>Because Board ID does not exist, it is impossible to carry in the board.</p> <p>Measures method 1: Move the board to the Wait Position, and make the Board ID at the Wait Position with Board ID Monitor.</p> <p>Measures method 2: Please remove the board at the neighborhood of entrance sensor.</p>	
30008	It is impossible to start T Axis Transfer.	<p>Because Board ID does not exist, it is impossible to start T Axis Transfer.</p> <p>Measures method 1: Please open Board ID Monitor, and create Board ID the position without the Board ID.</p> <p>Measures method 2: Please remove the board at the position without Board ID.</p>	
30009	It is impossible to start transfer to the Exit Position.	<p>Because Board ID does not exist at the Last Mount Position, it is impossible to start transfer to the Exit Position.</p> <p>Measures method 1: Please open Board ID Monitor, and create Board ID at the Last Mount Position.</p> <p>Measures method 2: Please remove the board at the position the Last Mount Position.</p>	
30010	It is impossible to carry out the board.	<p>Because Board ID does not exist at the Exit Position, it is impossible to carry out the board.</p> <p>Measures method 1: Please open Board ID Monitor, and make the Board ID at the Exit Position.</p> <p>Measures method 2: Please remove the board at the Exit Position.</p>	
30012	It failed in the Fixed Reader start.	<p>It failed in the Fixed Reader start.</p> <p>Measures method: 1. Please confirm whether port of Fixed Reader is correctly set by VmSpec-[Machine Information]-[Option Setting]-[Scanner Setting]?</p> <p>2. Please change to the same Board Data again.</p> <p>2. Please begin Auto Run again.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30013	FIX READER TIME OUT ERROR	FIX READER TIME OUT ERROR	<p>Solution 1: Please retry the reading. Please clear the error. The rereading is automatically begun when pushing the button to start.</p> <p>Solution 2: ID is registered by manual operation. Please open the Board ID monitor. Please set the cursor to the former process position, and push the turning on button on the way. Please make Board-ID when the turning on dialog opens on the way. Please push the start button and restart production when you confirm making Board- ID.</p>
30014	It failed in the Fixed Reader start.	<p>It failed in the Fixed Reader start.</p> <p>Action List for recovery: 1. Please confirm whether port of Fixed Reader is correctly set by VmSpec-[Machine Information]-[Option Setting]-[Scanner Setting]?</p> <p>2. Please begin Auto Run again.</p>	
30015	It is impossible to start transfer to the Mount Position.	<p>Because Board ID does not exist at the Wait Position, it is impossible to start transfer to the Mount Position.</p> <p>Measures method 1: Please open Board ID Monitor, and create Board ID at the Wait Position.</p> <p>Measures method 2: Please remove the board at the Wait Position.</p>	
30016	It is impossible to start transfer to the Mount Position ST1.	<p>Because Board ID does not exist at the Mount Position ST2, it is impossible to start transfer to the Mount Position ST1.</p> <p>Measures method 1: Please open Board ID Monitor, and create Board ID at the Mount Position ST2.</p> <p>Measures method 2: Please remove the board at the Mount Position ST2.</p>	
30017	Unknown board is detected.	<p>The Board was detected on the Entrance position sensors by the buffer conveyor,</p> <p>Measures method Please push the [Close] button. Please remove the Board on the buffer conveyor. Please push the [ERROR CLEAR] button.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30018	Unknown board is detected.	<p>The Board was detected on the Check position sensors by the buffer conveyor,</p> <p>Measures method Please push the [Close] button. Please remove the Board on the buffer conveyer. Please push the [ERROR CLEAR] button.</p>	
30019	Unknown board is detected.	<p>The Board was detected on the Exit position sensors by the buffer conveyor,</p> <p>Measures method Please push the [Close] button. Please remove the Board on the buffer conveyer. Please push the [ERROR CLEAR] button.</p>	
30020	The Board has been lost.	<p>The board was lost on the visual check position on the buffer conveyor. Remove or move to visual check position the board.</p> <p>Measures method 1:Remove the board. 1.Press [Close] button. 2.Remove the board ID of the visual check position on the buffer conveyor from the board ID monitor after removing the board. 3.Press [ERROR CLEAR] button.</p> <p>Measures method 2: Move to visual check position on the buffer conveyor the board. 1.Press [Close] button. 2.Move the board to visual check position.</p>	
30021	The Board has been lost.	<p>The board was lost on the exit position on the buffer conveyor. Remove or move to exit position the board.</p> <p>Measures method 1:Remove the board. 1.Press [Close] button. 2.Remove the board ID of the exit position on the buffer conveyor from the board ID monitor after removing the board. 3.Press [ERROR CLEAR] button.</p> <p>Measures method 2: Move to exit position on the buffer conveyor the board. 1.Press [Close] button. 2.Move the board to exit position. 3.Press [ERROR CLEAR] button.</p>	
30022	The setting of input device error	<p>The machine is set that the multiple input devices to read the Board ID are used. In a setting now, the Board ID cannot be correctly gotten.</p> <p>Please change the setting to use the input device of either one.</p> <p>Measures method: 1. Please confirm whether port of Fixed Reader is correctly set by VmSpec-[Machine Information]-[Option Setting]-[Scanner Setting]? 2. Please begin Auto Run again.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30028	The board ID failed in creating	<p>The board ID failed in creating. The board ID exists at the specified position.</p> <p>Please confirm whether the specified position is correct. Please execute it again after deleting present board ID when creating it to the position where board ID exists.</p>	
30100	Feeding not completed.	<p>Feeder had not finished feeding parts before the head moved down.</p> <p>Feeder Set Pos _XXXX</p> <p>Causes:</p> <ul style="list-style-type: none"> - It took time to drive the feeder due to an accidental cause. - Feed timer setting is too short compared to the possible feed time. <p>Solutions:</p> <ul style="list-style-type: none"> - Confirm that nothing is bothering the feeder action. - Modify [Feed Timer] if this error frequently occurs. 	<p>Just as pick up head went down to the lowest end, feeding tape by the target feeder had not finished.</p> <p>Check the status from Status in Unit-Feeder window.</p> <p>If it is normal (=0), the cause is likely to be excess load in the feeder. Check the status about attachment of the tape.</p> <p>If it indicate error code (except for 0), refer to SS Feeder User Manual for corrective action.</p> <p>You can see the feeder status from LEDs on the feeder too. If the red or yellow LED blinks, it means that an error happens.</p>
30101	Feeder does not exist.	<p>Feeder on the following position was not found.</p> <p>Feeder Set Pos _XXXX</p> <p>Solutions:</p> <ul style="list-style-type: none"> - Confirm that the feeder is correctly attached. - Confirm if the feeder data is loaded on the [UNIT] - [FEEDER] screen. - If not, click the [RELOAD] button. - Clear this error and wait for 10 seconds, then restart auto-running. 	<p>The target feeder is not attached at the correct position.</p> <p>There is a defective connection with the feeder.</p> <p>(1) Check whether the target feeder is attached at the correct position. (2) When it attached correctly, remove it and attach again. (3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30102	Feeder Error State	<p>Feeding operation cannot be executed because of the feeder error.</p> <p>Feeder Set Pos _XXXX</p> <p>Solutions:</p> <ul style="list-style-type: none"> - Confirm the state of the feeder. - Remove the cause of the error, and set the feeder again. 	<ul style="list-style-type: none"> - Tape jamming or tape twisting. - There is a defective connection with The feeder. - The feeder is out of order. <p>Check the status from Status in Unit-Feeder window.</p> <p>If it is normal (=0), the cause is likely to be excess load in the feeder. Check the status about attachment of the tape.</p> <p>If it indicate error code (except for 0), refer to SS Feeder User Manual for corrective action.</p> <p>You can see the feeder status from LEDs on the feeder too. If the red and yellow LEDs blink, it means that an error happens.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30103	Feeder Command Execution Error.	<p>The feeder doesn't work correctly, though the command to the feeder was issued.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please confirm the feeder set.</p> <p>When this error occurs repeatedly, the breakdown of the feeder is thought.</p>	<p>- There is a defective connection with The feeder.</p> <p>- The feeder is out of order.</p> <p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>(1) Check whether the target feeder is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>(4) If you are using the feeder exchange carriage, remove the carriage and attach it again. The error reappears frequently even after above action, please contact with manufacturer.</p>
30104	Feeder Command Execution Error.	<p>The feeder does not finish the command. feeder is still command execute status.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please confirm the feeder set.</p> <p>When this error occurs repeatedly, the breakdown of the feeder is thought.</p>	<p>- There is a defective connection with The feeder.</p> <p>- The feeder is out of order.</p> <p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>(1) Check whether the target feeder is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>(4) If you are using the feeder exchange carriage, remove the carriage and attach it again. The error reappears frequently even after above action, please contact with manufacturer.</p>
30106	Feeder Control Board detection error.	<p>Feeder control board could not be detected.</p> <p>Feeder Set Pos _XXXX</p> <p>Solutions: Please confirm the state of electric contact of the feeder cart. The feeder cart state can be confirmed from feeder cart LED.</p> <p>When this error occurs repeatedly, the breakdown of the feeder cart board is thought.</p>	<p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>- There is a defective connection between the control box and feeder control board.</p> <p>(1) Check whether the target feeder cart is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30107	Feeder Control Board Command Execution Error	<p>The feeder control board doesn't correctly work, though the command to the feeder cart was issued.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please confirm the state of electric contact of the feeder cart. The feeder cart state can be confirmed from feeder cart LED.</p> <p>When this error occurs repeatedly, the breakdown of the feeder cart board is thought.</p>	<p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>- There is a defective connection between the control box and feeder control board.</p> <p>(1) Check whether the target feeder cart is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30108	Feeder Control Board Communication Error	<p>Because the error occurs by the feeder cart, the operation cannot be executed.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please confirm the state of electric contact of the feeder cart. The feeder cart state can be confirmed from feeder cart LED.</p> <p>When this error occurs repeatedly, the breakdown of the feeder cart board is thought.</p>	<p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>- There is a defective connection between the control box and the feeder control board.</p> <p>(1) Check whether the target feeder cart is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30110	Feeder Command Internal Error.	<p>Fatal internal error occurred.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please reset the machine first, then restart the machine with halfway continue. If it is displayed unusual window with message, please record the message.</p> <p>Please consult your distributor for further information.</p>	<p>There is an internal error in feeder control.</p> <p>Please contact with manufacturer.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30111	Feeder Cart Power On Fail Detected	<p>The power supply of feeder cart doesn't turned on.</p> <p>Feeder Control Board _XXXX</p> <p>Measure method : Please confirm the state of electric contact of the feeder cart. When this error occurs though LED lighting, the breakdown of the feeder cart is thought.</p>	<p>- There is the breakdown of the conveyor IO board.</p> <p>- There is a defective connection with the conveyor IO board.</p> <p>- There is a defective connection between the control box and the feeder cart.</p> <p>(1) Check whether the target feeder cart is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30112	Feeder Cart Power On Fail Detected	<p>The power supply of feeder cart doesn't turned off</p> <p>Cart No _XXXX</p> <p>Measure method : Please confirm the state of electric contact of the feeder cart. If this error occurs repeatedly ,the breakdown of the conveyor IO pcb is thought.</p> <p>Please refer to a detailed column when you want to detach the cart.</p> <p>Please contact the manufacturer when this error happens frequently.</p>	<p>Detaching the cart becomes possible by hand power by operating the air valve.</p> <p>Attention: There is a possibility of damaging the point of contact by a fire, and do this operation, please after dropping the power supply of the machine without fail.</p> <p>Position of air valve It is in a lower cover in four machine corners. (Most machines are in a rear left machine lower cover.) (Please look for in three places of the remainder when not found.) The cover is opened, It looks for the mark tube that has been described as "F1 UP", "F1 DOWN", "F2 UP", "F2 DOWN", and "R1 Up", etc.</p> <p>Meaning of mark tube F1:Cart at the left of forward of machine. F2:Cart at the right of forward of machine. R1:Cart at the right of rear of machine. R2:Cart at the left of the rear side of machine. UP: Cart ascent. DOWN: Cart</p>
30113	Feeder Busy State.	<p>Because of feeder is still working state, new command can not be executed.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Try to set the feeder again detaching it once. When this error occurs repeatedly, the breakdown of the feeder is thought.</p>	<p>The target feeder is defective. Please contact with manufacturer.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30114	Internal error occurs when writing feeder command.	<p>Internal error occurs when writing feeder command.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please reset the machine first, then restart the machine with halfway continue. If it is displayed unusual window with message, please record the message.</p> <p>Please consult your distributor for further information.</p>	<p>There is an internal error in feeder control.</p> <p>Please contact with manufacturer.</p>
30115	Interface communication error	<p>Interface communication error occurs when writing feeder command.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Check the feeder control board LED status.</p> <p>Defective electric contact is thought.</p>	<p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>- There is a defective connection between the control box and the feeder control board.</p> <p>(1) Check whether the target feeder cart is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30116	Internal error occurs when waiting feeder response.	<p>Internal error occurs when waiting feeder response.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Please reset the machine first, then restart the machine with halfway continue. If it is displayed unusual window with message, please record the message.</p> <p>Please consult your distributor for further information.</p>	<p>There is an internal error in feeder control.</p> <p>Please contact with manufacturer.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30117	Interface communication error	<p>Interface communication error occurs when waiting feeder response.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Check the feeder control board LED status.</p> <p>Defective electric contact is thought.</p>	<p>- There is a defective connection with The feeder.</p> <p>- The feeder is out of order.</p> <p>- The feeder control board (in The feeder plate or The feeder exchange carriage) is out of order.</p> <p>- There is a defective connection between The control box and feeder control board.</p> <p>(1) Check whether the target feeder is attached at the correct position.</p> <p>(2) Check whether the target feeder cart is attached at the correct position.</p> <p>(3) When it attached correctly, remove it and attach again.</p> <p>(4) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30118	FEEDER DRIVE ERROR	<p>It couldn't feed the following feeder correctly.</p> <p>Feeder Set Pos _XXXX</p> <p>Cause : It couldn't get the feeder command wait time because feeder pitch setting was "Undefined".</p> <p>Measures method : Please try to push the [Reload] button in [Unit]-[Feeder], and check the value of the feeder pitch is correct value. (Not "Undefined") Or please wait for 10 seconds after error cleared and restart auto-running.</p>	
30119	FEEDER DRIVE ERROR	<p>It couldn't feed the following feeder correctly.</p> <p>Feeder Set Pos _XXXX</p> <p>Cause : It couldn't get the feeder feeding time because feeder pitch setting was "Undefined". Defect of electrical contact cause this error.</p> <p>Measures method : Please try to push the [Reload] button in [Unit]-[Feeder], and check the value of the feeder pitch is correct value. (Not "Undefined") Or please wait for 10 seconds after error cleared and restart auto-running.</p> <p>When this error occurs frequently, the possibility caused by defect of electrical contact is high. So please check the contact status then clean the contact.</p>	<p>There is an application internal error in feeder control.</p> <p>Please contact with manufacturer.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30120	Feeder Data Read Error	<p>Data read error occurred when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Defective electric contact is thought.</p> <p>Please detach the error feeder, then check the electric contact and attach the feeder again once. Please confirm the feeder data is correctly read.</p>	<p>- There is a defective connection with The feeder.</p> <p>- The feeder is out of order.</p> <p>- The feeder control board (in the feeder plate or the feeder exchange carriage) is out of order.</p> <p>(1) Check whether the target feeder is attached at the correct position. (2) When it attached correctly, remove it and attach again. (3) When the error reappears, check the terminal of the connector and clean it. (4) If you are using the feeder exchange carriage, remove the carriage and attach it again.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30121	It is not possible to up the FES.	<p>When the safety cover is open, the FES cannot be upped.</p> <p>Measure method : Please turn on the switch again after shutting the safety cover.</p> <p>There is possible causes even if the safety cover is shut.</p> <ul style="list-style-type: none"> - Cylinder and valve for the cart up are broken. - Not enough of air pressure for the FES up. 	<p>When this error occurs frequently, the following maintenance is necessary.</p> <ul style="list-style-type: none"> - Cylinder and valve of FES. - The switch to clamp the cart was turned on in spite of opening status of The safety cover. - The cylinder or the air valve for rising the cart is defective. - Supplied air pressure for rising the cart is not enough. <p>When you clamp the art, turn on the switch after closing the safety cover.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30122	Feeder Pitch is not set to the following feeder.	<p>Solution:</p> <p>Check the parts data and set correct Feeder pitch.</p> <p>Feeder Set Pos _XXXX</p>	<p>In case that Reference of feeder pitch specification is selected to Feeder setup. Not all feeders used for the production aren't specified Pitch Index in it.</p> <p>Specify Pitch Index for all feeders used the production.</p>
30123	This Feeder cannot handle specified Feeder pitch.	<p>Solution:</p> <p>Please confirm whether there are differences in the attached feeder type and the [Parts] - [Feeder Type]</p> <p>Feeder Set Pos _XXXX</p>	<p>Pitch Index data is invalid for Feeder Type specified in the feeder.</p> <p>Input correct Pitch Index for Feeder Type specified.</p>

Ea : Application Error

No	Title	Message	Detail (Action)
30124	Feeder ROM Pitch Improper	<p>Feeder Set Pos _XXXX</p> <p>Cause: There is a possibility that was not able to update pitch information in the feeder ROM, by defective electric contact.</p> <p>Measures method: Please remove the feeder and set it again, to update pitch information in the feeder ROM. When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	<p>- There is a defective connection with The feeder.</p> <p>- The feeder is out of order.</p> <p>(1) Check whether the target feeder is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30125	Feeder ROM Pitch Check Run-time Error	<p>Failed in reading of the pitch information from the feeder, when checked pitch information in the feeder ROM.</p> <p>Feeder Set Pos _XXXX</p> <p>Cause: Defective electric contact is thought.</p> <p>Measures method: Please remove the feeder and set it again, to be able to communicate. When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	<p>- There is a defective connection with The feeder.</p> <p>- The feeder is out of order.</p> <p>(1) Check whether the target feeder is attached at the correct position.</p> <p>(2) When it attached correctly, remove it and attach again.</p> <p>(3) When the error reappears, check the terminal of the connector and clean it.</p> <p>The error reappears frequently even after above action, please contact with manufacturer.</p>
30126	Feeder Button Disable Command Failed	<p>It failed in the change of the feeder drive button to the operation invalidity.</p> <p>Feeder Set Pos _XXXX</p> <p>Cause: Defective electric contact is thought.</p> <p>Measures method: 1.Please remove the feeder and set it again, to be able to communicate. 2.Please begin Auto Run again.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30127	Feeder Button Enable Command Failed	<p>It failed in the change of the feeder drive button to operation effectiveness.</p> <p>Feeder Set Pos _XXXX</p> <p>Cause: Defective electric contact is thought.</p> <p>Measures method: Please remove the feeder and set it again, to be The operation of driving button becomes effective.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30128	It failed in writing driving count of the feeder.	<p>It failed in writing driving count of the feeder.</p> <p>Feeder Set Pos _XXXX</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30129	Update failure of indicator.	<p>It failed in the change of the indicator.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30130	Update failure of indicator.	<p>It failed in the change of the indicator.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30131	Acquisition failure of the feeder operation mode.	<p>It failed in the acquisition of the feeder operation mode, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30132	Acquisition failure of the feeder ID.	<p>It failed in the acquisition of the feeder ID, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30133	Acquisition failure of the feeder mecha version.	<p>It failed in the acquisition of the feeder mecha version, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30134	Acquisition failure of the feeder soft version.	<p>It failed in the acquisition of the feeder soft version, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30135	Acquisition failure of the feeder drive count.	<p>It failed in the acquisition of the feeder drive count, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30136	Acquisition failure of the feeder pitch.	<p>It failed in the acquisition of the feeder pitch, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30137	Update failure of feeder pitch.	<p>It failed in the update of the feeder pitch, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30138	Update failure of feeder drive pitch.	<p>It failed in the update of the feeder drive pitch, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30139	Feeder Button Disable Command Failed	<p>It failed in the change of the feeder drive button to the operation invalidity, when feeder was attached to the machine.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30140	Update failure of feeder drive count.	<p>It failed in the update of the feeder drive count.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: Please remove the feeder and attach it again, to be able to communicate.</p> <p>Cause: Defective electric contact is thought.</p> <p>When this error occurs frequently, please check the contact status and clean the contact, to improve a defect of the electric contact.</p>	
30142	Feeder Communication Error	<p>Because the error occurs by the feeder, the operation cannot be executed.</p> <p>Feeder Set Pos _XXXX</p> <p>Measures method : Try to set the feeder again detaching it once. When this error occurs repeatedly, the breakdown of the feeder is thought. Please consult your distributor.</p>	
30143	Feeder Communication Error	<p>Because the error occurs by the feeder, the operation cannot be executed.</p> <p>Feeder Set Pos _XXXX Error Code _XXXX</p> <p>Measures method : Try to set the feeder again detaching it once. When this error occurs repeatedly, the breakdown of the feeder is thought. Please consult your distributor.</p>	
30144	Feeder Pitch Set Error	<p>The required pitch couldn't set to the feeder.</p> <p>Feeder Set Pos _XXXX</p> <p>Solution: 1. Check and modify the [Parts] - [Pitch Index] 2. Upgrade the feeder firmware version. Please consult your distributor for further information.</p> <p>Cause: 1. This feeder cannot handle specified [Pitch Index]. 2. The feeder firmware version doesn't support the required pitch.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30146	Feeder Communication Error	<p>Because the error occurs by the feeder, the operation cannot be executed.</p> <p>Feeder Set Pos _XXXX Error Code _XXXX</p> <p>Measures method : Try to set the feeder again detaching it once. When this error occurs repeatedly, the breakdown of the feeder is thought. Please consult your distributor.</p>	
30301	Feedforward Data File Write Error	<p>It failed to write the feedforward data file. Please confirm followings before restart.</p> <p>1. Please confirm the connection with Management PC or Server PC. 2. Please confirm file path. [Machine]-[Option Setting]-[Detail Setting] -[Feedforward File Path]</p>	<p>The following are thought as other causes.</p> <p>- Network fault Please confirm the condition of network communication with asking it to your manager.</p>
30305	Remove Board	<p>The board was detected in the exit position, but the feedforward data file is not created.</p> <p>When it is not created, 3A process control is not operated correctly.</p> <p>Measure : 1. Please remove the board in the exit position. 2. Please start auto-running again.</p>	
30307	Feedforward Data File Read Error	<p>It failed to read the feedforward data file. After checking the followings, please reset auto-running, remove the board on the machine and load the board from upper machine again.</p> <p>1. Check the connection with Management PC or Server PC. 2. Check the following specification about file path. [Machine]-[Option Setting]-[Detail Setting] -[Feedforward File Path]</p>	
30308	Remove the Board at the Entrance	<p>The board that is not permitted did detect to the entrance sensor.</p> <p>Cause : Reading the feedforward data file is not completed. Until reading it is completed, carrying in the board is not permitted.</p> <p>Measures method : Please remove the board detected at the entrance sensor, and auto-running again.</p>	

Ea : Application Error

No	Title	Message	Detail (Action)
30309	Feedforward Data File Read Error	<p>It failed to read the feedforward data file. Please confirm followings before restart.</p> <p>Check the connection with Management PC or Server PC.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
30310	3A Correction cannot work.	<p>The board has been loaded from upper machine. But it failed to transfer feedforward data.</p> <p>3A Correction cannot work. Please stop 3A Correction according to following procedure.</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Stop auto-running. 2. Reset auto-running. 3. Change [Board] - [Board] - [3A Correction] to "Not Use". 4. Restart auto-running. 	
30311	Remove Board	<p>Feedforward data was changed while all boards have not carried out. The board detected at the following position was printed under the different feedforward data from previous one. 3A Correction does not work correctly when carried by force.</p> <p>_XXXX</p> <p>Please remove the board, and put the board into next machine.</p>	
30312	Feedforward Data Change	<p>The feedforward data will be changed. Please restart auto-running according to the following procedure.</p> <p>Procedure</p> <ol style="list-style-type: none"> 1. Watching and wait until all boards on the mounters on which 3A correction is effective have been finished mounting and all of them have been carried out of the lowest mounter with 3A correction. 2. Change board data on mounters with 3A Correction for the next production. Even if board data have already changed to the target one, please read the board again after changing feedforward data. 3. Restart auto-running. 	

Ea : Application Error

No	Title	Message	Detail (Action)
30313	Feedforward Data File Write Error	<p>It failed to write the feedforward data file. Please confirm followings before restart.</p> <p>Check the connection with Management PC or Server PC.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.
30314	Feedforward Data File Read Error	<p>It failed to read the feedforward data file. After checking the followings, please remove the board on the machine.</p> <p>Check the connection with Management PC or Server PC.</p>	<p>The following are thought as other causes.</p> <ul style="list-style-type: none"> - Network fault Please confirm the condition of network communication with asking it to your manager. - The machine not registered in Lineconfig exists. Please contact the manager, and confirm the registration machine.