








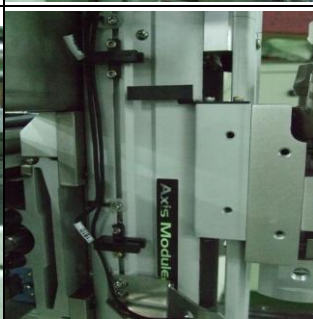

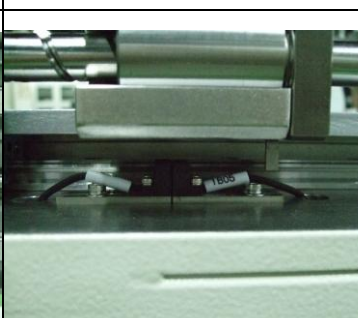




10.2 Error message types and handling

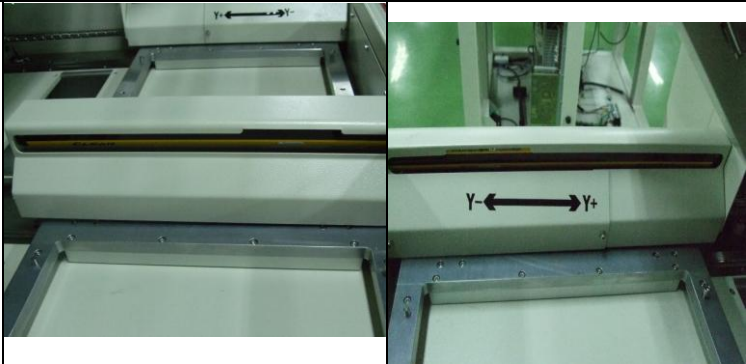
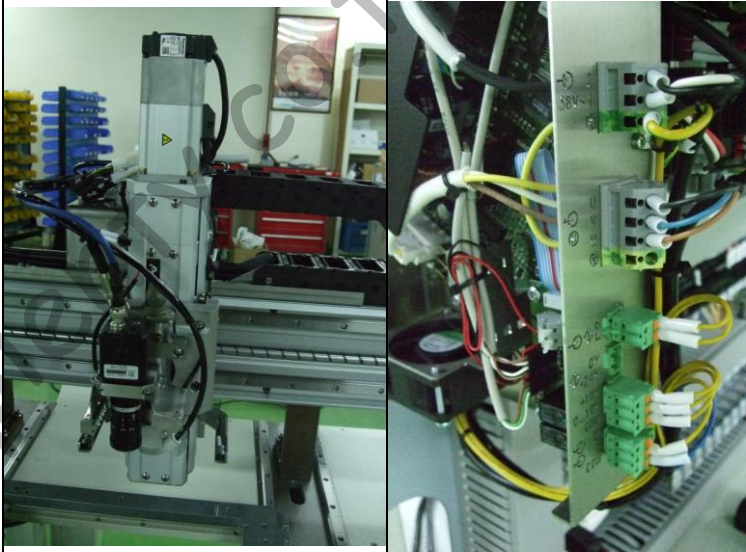

Code	Training Box LCD Display	Content	Handling	Locaiton Hint		
01	Running now	Program is running.	Stop program before execution.			
02	Emergency stop	Emergency stop switch has been activated.	<p>(1) Confirm that the problem has been resolved.</p> <p>(2) Unscrew the Emergency Stop button.</p> <p>(3) Reboot the machine then run zero reset again.</p>			
03	Servo alarm	Error in the servo motor.	<p>(1) Check and troubleshoot the servo motor for that axis. Please refer to the servo motor user manual.</p> <p>(2) Please reboot the machine (turn off and wait at least 5 minutes before powering on again).</p>			

04	Home running now	Zero reset in running.	Please wait until zero reset is complete before execution.			
05	Not program	Program is empty.	Choose another program.			
10	Not home	Zero reset not yet performed for system.	Please wait until zero reset is complete before execution.			
11	Servo off	Servo motor not running.	<p>(1) Check and troubleshoot the servo motor for that axis. Please refer to the servo motor user manual.</p> <p>(2) Reboot the machine then run zero reset again.</p>			
12	+Soft limit	Exceeds the positive software limit.	Reboot the machine then run zero reset again.			
13	-Soft limit	Exceeds the negative software limit.	Reboot the machine then run zero reset again.			

14	+Hard limit	Exceeds the positive hardware limit.	Reboot the machine then run zero reset again.			
15	-Hard limit	Exceeds the negative hardware limit.	Reboot the machine then run zero reset again.			
16	Home alarm	Error occurred during zero reset.	Reboot the machine then run zero reset again.			
17	LMOV point data error	Error in straight-line interpolation data.	Correct error in program.			
18	CIR point data error	Error in arc interpolation data.	Correct error in program.			

19	SCON end-line error	Error in continuous interpolation data.	Continuous interpolation (SCON) not ended with ECON command.			
20	Move error	Excessive error.	Reboot the machine then run zero reset again.			
30	Program No. error	Program number error.	Input number exceeded program number limit.			
31	Variable No. error	Variable number error.	Input number exceeded variable number limit.			
32	Position No. error	Position number error.	Input number exceeded position number limit.			
33	Axis pattern error	Zero reset axis error.	Correct error in program.			
34	Axis No. error	Axis error.	Correct error in program.			
35	INP No. error	Input point does not exist.	Correct error in program.			
36	OUT No. not define	Output point does not exist.	Correct error in program.			
37	JTAG No. error	JTAG number error.	Correct error in program.			
38	JTAG No. not define	JTAG number not defined.	Correct error in program.			
39	JTAG No.	Duplicate JTAG	Correct error in			

	duplication	number.	program.			
40	STAG No. error	STAG number error.	Correct error in program.			
41	STAG No. not define	STAG number not defined.	Correct error in program.			
42	STAG No. duplication	Duplicate STAG number.	Correct error in program.			
43	SUB nesting error	Sub-routine nesting error.	Correct error in program.			
44	SUB error	No sub-routine RETURN.	Correct error in program.			
45	STAG error	Loop error.	Correct error in program.			
46	0 Divide error	Dividing by zero error.	Correct error in program.			
47	Expand error	Expand error.	Correct error in program.			
48	Not program command	No such command.	No such command in system. Please input valid program command.			
53	Left Area Sensor	Left Area Sensor	Check the Area Sensor			

54	Right Area Sensor	Right Area Sensor	Check the Area Sensor		
92	Spindle over load	Spindle overload.	<p>(1) Check spindle motor for over-heating or foreign object.</p> <p>(2) Remove cutter and clean spindle mount.</p> <p>(3) Contact distributor if problem persists.</p>		
93	Air down	Low air pressure.	Check supplied air pressure.		

94	Not RUN mode	Not in RUN mode.	Use training box to switch to RUN mode.			
95	Axis interlock	Axis interlock.	Current axis position does not allow safety door to be opened. Move axis to a position where the door can be opened.			
96	Door close error	Error closing door.	<p>(1) Check that the door is properly closed.</p> <p>(2) Check that the door is not jammed open.</p> <p>(3) Check that the door position sensor is not loose/disconnected.</p>	