

Error list

HR8500-III Message List (1/1)

Below are listed the message code No., message names, error code No., and error names. The causes, countermeasures and disposition are explained later.

For quick reference.

CODE	NAME	Related codes	REF. PAGE
	WAFER ARM WAFER DETECTED.		M - 1
	ALIGNER WAFER DETECTED.		M - 1
	TABLE WAFER DETECTED.		M - 1
	LOADER FINISHED.		M - 2
	UNLOADER FINISHED.		M - 2
	AUTO OPERATION COMPLETED.		M - 2
	TROUBLESHOOTING COMPLETED.		M - 2
	INITIAL RESET COMPLETED.		M - 2
	NOT READY FOR INITIAL POSITION.		M - 2
	TAPE FEED ERROR.		M - 2
	DOOR COVER OPENED.		M - 2
	AIR PRESSURE NOT SUFFICIENT.		M - 2
	TAPE RUNNING SHORT.		M - 2
	TABLE TEMP BEYOND SETTING LIMITS.		M - 2
	IONIZER TROUBLE.		M - 2
	TAPE TAKE-UP FULL.		M - 2
	ALIGNER LAMP CHANGE.		M - 2
	MAINTENANCE MODE.		M - 2
	UV UNIT. WAFER DETECTED ON UV PAD IN UV BOX.		M - 3
	UV UNIT. UNUSUAL EXHAUST TEMP.		M - 3
	UV UNIT. UNUSUAL UV BOX TEMP.		M - 3
	UV UNIT. UNUSUAL UV POWER SOURCE.		M - 3
	UV UNIT. UV LAMP OPENED.		M - 3
	UV UNIT. N2 PRESSURE INSUFFICIENT PRESSURE.		M - 3
	UV LAMP POWER ON MISS.		M - 3
	UV UNIT. FAIL IN Q.STOP.		M - 3
	UV UNIT. UV LAMP OFF.		M - 3
	UV LAMP NEED TO REPLACE.		M - 3

HR8500 - Error List (1/3)

CODE	NAME	Related codes	REF. PAGE
1 0 0	RIGHT CASSE. TABLE. FAILURE IN REVOLVING.	100,101,600	R L - 1
1 0 9	RIGHT CASSE. TABLE. CASSETTE DIS-LOCATED.	109	R L - 1
1 3 0	LEFT CASSE. TABLE. FAILURE IN REVOLVING.	130,131,610	L L - 1
1 3 9	LEFT CASSE. TABLE. CASSETTE DIS-LOCATED.	139	L L - 1
1 5 3	SCANNER LINE BUSY. NO LINE ACCESS TO ROBOT TIME OUT. [OPTION]	153,155	R A - 1
1 5 4	SCANNER CROSS WAFER DETECTED. [OPTION]	154	R A - 1
1 5 6	SCANNER REMAINING WAFER DETECTED. [OPTION]	156	R A - 1
1 6 3	WAFER CARRY UNIT MEMORY FAULT.	163	R A - 2
1 6 4	WAFER CARRY UNIT R1 MOTOR FAULT.	164	R A - 2
1 6 6	WAFER CARRY UNIT AXIS MOTOR FAULT.	166	R A - 2
1 6 7	WAFER CARRY UNIT Z AXIS MOTOR FAULT.	167	R A - 2
1 6 8	WAFER CARRY UNIT COMMAND ERROR.	168,171,172,176,177 181,182,186,191,194 197,201,204,207,179 141,144,148,151,625	R A - 2
1 6 9	WAFER CARRY UNIT NOT RESPONSE FROM ROBOT TIME OUT.	169,626	R A - 2
1 7 0	WAFER CARRY UNIT LINE BUSY NO LINE ACCESS TO ROBOT TIMEOUT.	170,175,178,180,185 190,193,196,200,203 206,143,147,150	R A - 2
1 8 3	WAFER CARRY UNIT VACUUM FAILURE. WAFER STILL VACUUMED THOUGH CARRIED TO EACH POSITION.	183,184,198,208	R A - 2
1 8 8	ROBOT SPEED DOWN READY WAIT TIME OVER.	188	R A - 2
1 8 9	ROBOT SPEED UP READY WAIT TIME OVER.	189	R A - 2
1 9 5	WAFER CARRY UNIT VACUUM FAILURE DURING WAFER PICK UP FROM CASSETTE.	195,205,146	R A - 2
1 9 9	WAFER PRESS DOWN PLATE RETRACT ERROR.	199	R A - 2
2 0 9	WAFER VACUUM ERROR BEFORE PRESS DOWN	209,213	R A - 2
2 1 0	WAFER CARRY UNIT VACUUM CHECK ERROR. WAFER STILL VACUUMED BEFORE TOUCHED WAFER.	210,211,212,143	R A - 2
2 1 4	WAFER PRESS READY WAIT TIME OVER.	214	R A - 2
2 1 5	WAFER CARRY UNIT VACUUM FAILURE BEFORE CARRYING WAFER TO EACH POSITION.	215,216,217	R A - 2
2 2 0	TABLE PAD GOING UP AND DOWN FAILURE.	220,222,228,230	T A - 1
2 2 3	CHUCKING WAFER TABLE VACUUM FAILURE.	223,227	T A - 1
2 2 4	CHUCKING WAFER TABLE VACUUM FAILURE.	224	T A - 1
2 2 5	TABLE WAFER VACUUM DETECT MISSING.	225	T A - 1
2 2 9	TABLE PAD VACUUM FAILURE.	229	T A - 1
2 3 8	SCANNER RESPONSE TIME OVER. [OPTION]	238	R A - 3
2 3 9	SCANNER DATA ERROR. [OPTION]	239	R A - 3

H R 8 5 0 0 - E r r o r L i s t (2 / 3)

CODE	NAME	Related codes	REF. PAGE
2 4 0	WAFER PRESS UNIT RETURN TO ERROR.	240	R A - 2
2 4 3	SCANNER HEAD GET ERROR. [OPTION]	243	R A - 3
2 4 7	SCANNER HEAD PUT ERROR. (WAITING POINT) [OPTION]	247	R A - 3
2 5 0	PEELING ROLLER MOVING FAILURE.	250,272	T S - 1
2 5 1	APPLYING ROLLER UNIT. IS NOT IN PREPARATORY POSITION.	251	T S - 1
2 5 2	APPLYING ROLLER GOING UP AND DOWN FAILURE.	252,256,266	T S - 1
2 5 3	APPLYING ROLLER PRESSING FAILURE.	253,254,255	T S - 1
2 5 9	APPLYING ROLLER UNIT. FAILED TO MOVE RIGHT SIDE DIRECTION.	259,260	T S - 1
2 6 1	PEELING ROLLER UNIT FAILED TO MOVE RIGHT SIDE DIRECTION.	261	T S - 1
2 6 3	PEELING UNIT VACUUM FAILURE.	263	T S - 1
2 6 4	PEELING UNIT MIS-PEELING AGAINST THREE TIME TRIAL.	264	T S - 2
2 6 5	PEELING UNIT MIS-PEELING AGAINST ONE TIME TRIAL.	265	T S - 2
2 6 8	APPLYING ROLLER FAILED TO MOVE LEFT SIDE DIRECTION.	268	T S - 2
2 6 9	APPLYING/PEELING ROLLER FAILED TO MOVE LEFT SIDE DIRECTION.	269,270	T S - 2
2 7 1	PEELING ROLLER NOT ROTATING PROPERLY.	271	T S - 2
2 7 3	PEELING BAR UPPER END DETECT ERROR.	273,657	T S - 2
2 7 4	PEELING BAR LOWER END DETECT ERROR.	274,658	T S - 2
3 5 0	SENSOR FAILURE AT TAPE TAKE-UP OVERTIME WINDING.	350	T R R 1
4 3 0	ALIGNER COMMAND UNCONFIRMED.	430,436,442,452,453	W A - 1
4 3 1	ALIGNER NO RESPONSE FROM ALIGNER TIME OUT.	735	
4 3 5	ALIGNER RESPONSE INDICATE BUSY ALL THE TIME.	431,736	W A - 1
4 4 1	IT'S NOT REALLY STICK.	435,440,450,455	W A - 1
4 4 3	ALIGNER VACUUM SENSOR OFF.	441	W A - 1
4 5 4	ALIGNER MIS-ALIGNMENT.	443	W A - 1
4 6 0	ALIGNER VACUUM SENSOR ON.	454	W A - 1
4 6 4	ALIGNER MOTOR BOARD ERROR.	460	W A - 1
4 6 9	ALIGNER MIS-SETTING MODE.	464,465,466	W A - 1
4 7 2	ALIGNER CCD MIS-SETTING.	469,470,471	W A - 1
5 0 0	ALIGNER CCD MEASUREMENT ERROR.	472	W A - 1
5 0 4	UV UNIT CHAMBER MOVING FAILURE.	500	U V - 1
5 0 5	UV UNIT UV SHUTTER MOVE FAILURE.	504	U V - 1
5 0 6	UV UNIT UV SHUTTER MOVE FAILURE.	505	U V - 1
		506	U V - 1

	N2 TIMER BEYOND SETTING RANGE.		
--	--------------------------------	--	--

HR8500 - Error List (3 / 3)

CODE	NAME	Related codes	REF. PAGE
5 0 7	UV UNIT PAD VACUUM FAILURE.	507	U V - 1
5 1 0	UV UNIT NO RESPONSE FROM UV PAD TIME OUT.	510	U V - 1
5 1 1	UV UNIT PULSE MOTOR AT UV UNIT FAILED SERIAL COMMUNICATION.	511	U V - 1
5 1 2	UV UNIT NOT INITIAL POSITION.	512	U V - 1
5 1 3	UV UNIT UV PAD VACUUM FAILURE.	513	U V - 1
5 1 4	UV UNIT RS COMMAND ERROR.	514	U V - 1
5 1 5	UV UNIT RS SYSTEM ERROR.	515	U V - 1
5 1 6	UV UNIT RS COMMAND TIME OUT.	516	U V - 1
5 1 7	UV UNIT RS RESPONSE TIME OUT	517	U V - 1
5 1 8	UV UNIT RS ACCCESS ERROR.	518	U V - 1
5 1 9	UV UNIT RS UNIT BREAK RECIVE ERROR.	519	U V - 1
5 2 0	UV UNIT RS CHARACTER TIME OVER.	520	U V - 1
5 2 1	UV UNIT RS RECIVE BUFA OVER FLOW ERROR.	521	U V - 1
5 2 2	UV UNIT RS PARITY ERROR.	522	U V - 1
5 2 3	UV UNIT RS FRAME ERROR.	523	U V - 1
5 2 4	UV UNIT RS OVER RUN ERROR.	524	U V - 1
5 2 5	UV UNIT RS DEFAULT ERROR.	525	U V - 1
5 2 6	UV UNIT RS PARAMETER SETTING ERROR.	526	U V - 1
6 2 0	WAFER CARRY UNIT COMMAND RECEPTION ERROR.	620,621,633,635	R A - 4
6 2 2	WAFER CARRY UNIT WAFER SENSED.	622	R A - 4
6 2 3	WAFER CARRY UNIT LINE BUSY. NO LINE ACCESS TO ROBOT TIMEOUT.	623,624,634,636,637	
6 3 0	WAFER CARRY UNIT COMMAND ERROR.	630	
6 3 9	ROBOT PRESS UNIT RETURN TO ERROR.	639	
6 4 0	TABLE UNIT PAD NOT INITIAL POSITION.	640	
6 5 0	APPLYING ROLLER GOING UP FAILURE.	650	
6 5 1	APPLY/PEEL UNIT FAILED TO MOVE LEFT SIDE DIRECTION.	651,652	
6 5 3	APPLYING UNIT FAILED TO MOVE LEFT SIDE DIRECTION.	653	
6 5 4	PEELING ROLLER NOT ROTATING PROPERLY.	654	
6 5 5	PEELING ROLLER MOVING FAILURE.	655,656	
6 5 7	PEELING BAR UPPER END DETECT ERROR.	657	
6 5 8	PEELING BAR LOWER END DETECT ERROR.	658	
7 0 0	TAPE TAKE-UP UNIT OVERTIME WIND.	700	
7 3 1	ALIGNER RESPONSE INDICATE BUSY ALL THE TIME. IT'S REALLY STICK.	731,741	
7 3 2	ALIGNER COMMAND RECEPTION FAULT.	732,733,740,742	
7 3 4	ALIGNER VACUUM SENSOR ERROR.	734	
7 4 4	ALIGNER DATA FAILURE.	744	
7 4 5	ALIGNER X AXIS RESET ERROR.	745	

7 4 6	ALIGNER Y AXIS RESET ERROR.	746	
7 4 7	ALIGNER LAMP AXIS RESET ERROR.	747	
8 3 9	DOOR COVER OPENED.	839	
8 4 0	AIR PRESSURE NOT SUFFICIENT.	840	
8 4 5	TABLE TEMP OUT OF SETTING.	845	
8 4 7	IONIZER TROUBLE.	847	
8 5 0	MIS-SETTING OF WAFER SIZE.	850	
8 5 1	UV UNIT UNUSUAL UV BOX TEMP.	851	
8 5 2	UV UNIT UV POWER SOURCE TROUBLE.	852	
8 5 3	UV UNIT UV LAMP UNIT OPEN.	853	
8 5 4	UV UNIT N2 PRESSURE INSUFFICIENT.	854	
8 5 5	UV UNIT UV LAMP TROUBLE.	855	
8 5 6	UV UNIT IN OPERATION UV LAMP PRESSED OFF.	856	