



XRD STE23

Autoclave Trouble Shooting Quick Guide

No	Error Code	Fault determination	Cause	Solution
1	A01	Unqualified water quality	Unqualified water quality	Drain the water in the tank completely, then add distilled water again
				Replace a water quality sensor
2	A02	Lack of clean water	Lack of clean water	Refilling distilled water
				Replace a clean water level sensor
3	A03	Waste water tank full	Waste water tank full	Drain out the waste water
				Replace a waste water level sensor
4	E11	Internal Temp sensor defective	Internal Temp sensor defective	Replace a new internal Temp sensor
			Mainboard defective	Replace a new mainboard
5	E12	Steam generator Temp. sensor defective	Steam generator Temp. sensor defective	Replace a steam generator Temp. sensor
			Mainboard defective	Replace a new mainboard
6	E13	External Temp. sensor defective	External Temp. sensor defective	Replace a new external Temp sensor
			Mainboard defective	Replace a new mainboard
7	E02	Chamber overpressure	Chamber overpressure	Replace a new internal Temp sensor
			Mainboard defective	Replace a new mainboard



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8	E03	Chamber overtemperature	Temp sensor defective	Replace a new temp sensor
			Steam generator blocked	Clean the steam generator or replace a new one
			Mainboard defective	Replace a new mainboard
9	E41	Tempraure is too high	Leakage	Please check if the door is too loose, causing the autoclave leaking
				Please check if the valves leaking
			Internal Temp sensor defective	Replace a new internal Temp sensor
10	E42	Pressure is too high	Steam generator blocked	Clean the steam generator or replace a new one
			Steam generator defective	Replace a new steam generator
			Water pump defective	Replace a new water pump
11	E05	Steam exhaust failure	The filter of chamber blocked	Clean the filter or replace a new one
			Exhaust valve or two-position three-way valve blocked	Clean the valve or replace a new one
12	E06	Door defective	The door is loose	Adjust the door gasket and tigten the door
			Micro switch of the door defective	Replace a new switch



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13	E07	Steam generator overtemperature	Unstable voltage	Install a voltage stabilizer if needed
			Steam generator Temp. sensor defective	Replace a new steam generator sensor
			Steam generator blocked	Clean the steam generator or replace a new one
			Water pump defective	Replace a new water pump
			If the problem still cannot to be solved	Consider replacing a mainboard
14	E08	Pre-heating failure	The chamber is heating up but the steam generator cannot heat up	Replace a new steam generator
			The steam generator is heating up but the chamber not	Measure the resistance of the heating ring. If 0, pls replace a heating ring
			Check the temperature protector	pls replace a temperature protector
15	E91	The first time vacuum failure	The door is loose	Tighten the door
			Valve leaking	Run a Leak cycle to confirm. If leak, replace a valve
			Vacuum pump defective	Replace a vacuum pump and a vacuum pump capacitor



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16	E92	The second time vacuum failure	The two positions three way valve & drain valve is blocked	Replace a new one
			Vacuum pump defective	Replace a vacuum pump and a vacuum pump capacitor
17	E93	The third time vacuum failure	Same as E92	Same as E92
18	E94	LEAK test failure	The pipeline falls off or breaks	Check the pipeline and replace
			Valve leaking	Replace a valve
			Vacuum pump defective	Replace a vacuum pump
19	E95	The first time increasing pressure failure	The door is loose	Tighten the door & Adjust the gasket
			Valve leaking	Replace a valve
			Pipe Leaking	Please check the pile, if there is a broken, pls replace a pipe
			Steam generator blocked or defective	Clean or replace a new steam generator
20	E96	The second time increasing pressure failure	Same as E95	Same as E95
21	E97	The third time increasing pressure failure	Same as E95	Same as E95