

Sterilizer Extended Maintenance Inspection Checklist



Service, Adjust, Repair, and/or Replace as Required <i>(Refer to appropriate service documentation)</i>	M3	M7	M9/M9D & M11/M11D	Complete
			(-020 thru -022) (-033 / -034) (-040 /-041 /-042 /-043)	
Visually inspect all components for damage/wear that could cause problematic or unsafe operation.	X	X	X	
Check that all decals, warning labels, etc. are present and legible.	X	X	X	
Check to assure door latch warning label is present on door cover (M11/M11D only).				
Thoroughly clean inside of chamber, door, and trays using Speed Clean and non-abrasive scouring pad, taking care not to damage the heater & sensors. Once clean inspect for defects/deterioration, e.g. cracks, severe pits, etc.		X	X	
After cleaning, inspect internal chamber filter(s) for deterioration. Replace as required. (Some M7 units may not have a filter, check S & P manual)	X	X	X	
Clean and check the water level sensor inside the chamber. Test operation.			X	
Clean and inspect door gasket(s), dam gaskets, and steam block gasket (M9s, & M11s). Replace as required.	X	X	X	
Disassemble the door interlock plunger, clean and lubricate as needed (see service documentation). Test for correct operation.				
Inspect door, door springs, handle, and hinge for cracks or deterioration. Lubricate cam of door handle w/ high temperature, non-toxic grease. Assure mounting hardware is secure.		X		
Inspect and clean door latch components, door safety switch spring, and latch lever. Make sure all moving parts move freely, the door aligns properly w/ the chamber without interference, and that door can be easily and securely latched.			X	
Inspect chamber door latch bars for excessive wear. If severely worn unit must be returned to Midmark for replacement of the latch bars to assure continued safe latching of the door.			X	
Assure door latch safety switch(s) operates correctly making sure the door latch pins are fully engaged before the switch contacts close and allow the operator to start a cycle. Repair / replace components as needed.	X		X	
Drain water reservoir and clean the inside of reservoir using SpeedClean™ and cloth. Remove condensing coil (M7, M9, M11, & M4.9) if necessary. After cleaning check for leaks	X	X	X	
Clean or replace the reservoir sight tube & clamp as needed.			X	
After cleaning, test operation of reservoir water level sensor	X			
Test / Inspect all solenoid valves, e.g. fill/vent/air. Repair or replace as needed.	X	X	X	
Test steam trap / bellows operation. Replace as needed.		X		
Clean condensate tank and water level sensors. Test for correct operation. Repair or replace as needed.	X			
Inspect , clean, or replace boiler assembly as needed. If inside plating is flaking off or the surface is pitted & corroded the boiler should be replaced. If just cleaning replace o-ring gasket.	X			
Inspect plastic tube between the sterilizer and the condensing tank for kinks and/or leaks, replace as needed.	X		X²	
Inspect plastic tube between the pump and boiler for chafing or kinks, replace as needed.	X			
Clean enclosure fan & check for proper operation.			X	
Check suction feet for deterioration. Feet should fasten securely to counter top. Replace if necessary.		X		
Inspect door latch motor, plastic cam, and metal link to latch lever for wear, noise, erratic operation etc. Replace as needed. Assure all door motor switches operate correctly.	X		X	
Inspect all wiring for damage / deterioration and replace as needed. Make sure all electrical connections are tight and in good condition.	X	X	X	

Sterilizer Extended Maintenance Inspection Checklist - *continued*



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			<i>(-020 thru -022) (-033 / -034) (-040 /-041 /-042 /-043)</i>	
Test all membrane switch functions for proper operation & inspect membrane switch & display for damage or degradation & replace as needed.	X		X	
Replace appliance cord (some M9s & M11s had an attached cord which doesn't need replaced unless it is showing signs of deterioration)	X	X	X	
Check for any missing or loose hardware and replace as needed.	X	X	X	
Fill with distilled water & run test cycle/s to check operation. Run Service Diagnostics [M3, M9s/M11s (-020 thru -022, -033/-034) & M4.9]	X	X	X	
Test pressure relief valve and check that it seals properly after testing. Opens at: (M7: 31 PSI [214 kPa]) (M3, M9, M11, M4.9: 40 PSI [276 kPa])	X	X	X	
Check for leaks during operation	X	X	X	

¹ Early version only

² If equipped with the External Condensing Tank Accessory

Location:	Serial Number:
Service Technician:	
NOTES:	