

NORMAL STERILIZER OPERATION (NSO) Unit Plugged Into Outlet				
Audible beeps	INITIALIZING SYSTEM	Note: The fan may run if the temperature inside cabinet is 130°F [54°C] (+/- 8°F [4.4°C] or greater. Total number of cycles that have been run on Sterilizer. Model Number* system is set up, Software version number.		
	TOTAL CYCLES XXXX M9*, vX.XX			
	SELECT CYCLE	 (*System can be set for M9, M11 or M9D, M11D using SW1 [switch2]). Fill Valve - Closed Vent Valve - Open Air Valve - Energized [Open for 10 minutes or until Cycle started] Heater - Off 		

Press Cycle Key (i.e. UNWRAPPED)				
AUDIBLE	DISPLAY	ACTION / NOTES		
	UNWRAPPED 270° F 3:00 MINUTES FAST VENT 30 MINUTE DRY	The sterilization program, temperature, time period, type of venting and dry cycle time is displayed. • Fill Valve - Closed • Vent Valve - Open • Air Valve - Energized [Open for 10 minutes or until Cycle started] • Heater - Off		

Press Start Key 🐠				
AUDIBLE	DISPLAY	ACTION / NOTES		
Audible beeps	FILLING CHAMBER	• Fill Valve - Energized [Open] • Vent Valve - Energized [Closed] • Heater - Off		
	CHAMBER IS FULL	Water reaches level of Water Level Sensor sending signal back to main P.C. board. • Fill Valve - De-energized [Closed] • Vent Valve - Energized [Closed] • Air Valve - Energized [Open] • Heater - Off		
	HEATING - UNWRAPPED XXX° F XX.X PSI (temp) (pressure)*	• Fill Valve - De-energized [Closed] • Vent Valve - Energized [Closed] • Air Valve - Energized (*) [Open] • Heater - On (* The air valve will open 3 times at approximately one half of the operating (sterilization) pressure and closes between 38 & 72 seconds (dependent on selected cycle and model of unit [M9 / M11]].)		
	STERILIZING 03:00 270° F 27.1 PSI	Displayed sterilization time begins to count down. • <u>Fill Valve</u> - De-energized [Closed] • <u>Vent Valve</u> - Energized [Closed] • <u>Air Valve</u> - De-energized [Closed] • <u>Heater</u> - Cycles On & Off		
	READY TO VENT 00:10 270° F 27.1 PSI	In <u>final 10 seconds</u> of Sterilization Mode "READY TO VENT" blinks on & off in display. • <u>Fill Valve</u> - De-energized [Closed] • <u>Air Valve</u> - De-energized [Closed] • <u>Heater</u> - Cycles On & Off		
	FAST VENT XXX° F XX.X PSI (temp) (pressure)	Chamber vents into reservoir. • Fill Valve - De-energized [Closed] • Air Valve - De-energized [Closed] • Heater - Off		
Audible beeps (Occurs 5 seconds before Door opens.)	DOOR TO OPEN XXX° F XX.X PSI (temp) (pressure)	When pressure in chamber reaches .7 PSIg [5 kPa] "DOOR TO OPEN" blinks on & off in display. • Fill Valve - De-energized [Closed] • Vent Valve - De-energized [Open] • Heater - Off • Door Opening Motor - Energizes, rotating the motor lever arm, unlatching the door. Door opens to partial open position then motor automatically reverses back to original position.		
	DRYING 30:00 (time)	Displayed drying time begins to count down. • Fill Valve - De-energized [Closed] • Air Valve - De-energized [Closed] • Heater - Cycles On & Off		
Audible beeps for 10 seconds	DRYING CYCLE COMPLETE	• <u>Fill Valve</u> - De-energized [Closed] • <u>Vent Valve</u> - De-energized [Open] • <u>Heater</u> - Off		
	SELECT CYCLE	Unit is ready for another operation.		

SPECIFICATIONS

A separate (dedicated) circuit is recommended for this sterilizer. The sterilizer **should not** be connected to an electrical circuit with other appliances or equipment unless the circuit is rated for the additional load. May use 15 amp surge protector.

Electrical Requirements:

- 115 VAC Unit......50/60 HZ, 15 amp, single phase
- 230 VAC Unit......50/60 HZ, 15 amp, single phase

Power Consumption:

115 VAC Unit.......1425 Watts, 12 amps @ 120 VAC
 230 VAC Unit......1500 Watts, 7 amps @ 230 VAC

Fuse Rating:

- 115 VAC Unit.
 - F1.......0.250 Amp, 250 v, Slo-blo, (1/4" X 1 1/4") F2......15 Amp, 250 v, Fast Acting, (1/4" X 1 1/4")
- 230 VAC Unit.
 - F1..........0.125 Amp, 250 v, Slo-blo, (5 X 20mm) F2.......8 Amp, 250 v, Fast Acting, (5 X 20mm)

Important Cleaning Recommendations:

- Weekly...... Drain water and refill with new distilled water.
- Monthly......Run Speed-Clean solution through sterilizer.

Chamber Pressures:

- Max. Pressure [Safety Valve opens].....40 PSIg
 (276 kPag)

Specific Chamber Operating Temperature / Time:

- Pouches.......270-275°F / 5 Min (132-135°C) / 5 Min
- Handpieces......270-275°F / 6 Min (132-135°C) / 6 Min
- Packs.......250 255°F / 30 Min
- (121-124°C) / 30 Min • O/L Temp. settings.......Opens 450°F
 - emp. settings......Opens 450°F (232°C) ± 25°F

Closes 350°F (177°C) ± 25°F