

Caring for Your M9 & M11 Sterilizer

WEEKLY

WARNING - BE SURE THAT UNIT IS COOL WHEN CLEANING TO PREVENT POSSIBILITY OF BURNS.

1. CLEAN EXTERNAL SURFACES

- (a) Wipe with a soft dry cloth and occasionally with a damp cloth and mild soap or detergent.

2. CLEAN INTERNAL SURFACES

- (a) Drain water from reservoir using drain tube located on front of unit.

EQUIPMENT ALERT - FAILURE TO CHANGE WATER PROMOTES GROWTH OF ALGAE IN RESERVOIR AND MAY CAUSE STERILIZER TO MALFUNCTION.

- (b) Using a mild soap or **Speed-Clean Sterilizer Cleaner™** and distilled water, wash inside of chamber, trays, door gasket, and door gasket mating surface. Examine door gasket for possible damage that could prevent a good sealing surface.
- (c) Refill reservoir with clean, distilled water.

MONTHLY

EQUIPMENT ALERT - FAILURE TO FLUSH UNIT WITH **SPEED-CLEAN STERILIZER CLEANER™**, OR USE OF OTHER STERILIZER CLEANERS MAY CAUSE SOME COMPONENTS IN UNIT TO FAIL PREMATURELY.

1. FLUSH SYSTEM

- (a) Thoroughly mix four ounces of **Speed-Clean Sterilizer Cleaner™** with two quarts (2000 c.c.) of clean, distilled water.
- (b) Drain reservoir and fill with cleaning solution. **NOTE - solution may not reach green water level indicator in front of sterilizer, but will be enough to complete cycle.**
- (c) Run one **PACKS** cycle (30 minute cycle at 250°F {121°C}). Instruments **should not** be sterilized while cleaning the sterilizer.
- (d) Drain cleaning solution from reservoir. Then, refill reservoir with clean, distilled water and run one **UNWRAPPED** cycle (3 minute cycle at 270°F {132°C}).
- (e) Drain reservoir and allow sterilizer to cool to room temperature.
- (f) Remove door and dam gaskets from gasket housing channel. Clean channel and gaskets using a mild soap or **Speed-Clean Sterilizer Cleaner™** and clean, distilled water. A small stiff bristle brush will aid procedure. After cleaning gaskets, inspect for cracks, cuts, shrinking, or swelling and replace if necessary. Press gasket into the channel and reinstall dam gasket.
- (g) Remove trays, tray rack, and tray plate. This is accomplished by grasping tray plate on both sides and gently lifting up and pulling outward. The tray rack and tray plate should slide out of chamber together.
- (h) Locate chamber filter on bottom of chamber. Grasp chamber filter and pull upwards while twisting slightly. (A pair of pliers may be used if filter is stuck). The filter may be cleaned with mild soap or **Speed-Clean Sterilizer Cleaner™** and clean, distilled water. A small stiff bristle brush or ultrasonic cleaner may be helpful to remove foreign objects from filter surface. Rinse filter with clean, distilled water. **NOTE - If cleaning methods do not effectively clean the filter, replacement may be necessary.** Insert filter into hole in chamber bottom while pressing downwards and twisting slightly.

EQUIPMENT ALERT - DO NOT OPERATE STERILIZER WITHOUT FILTER IN PLACE.

- (i) Wipe off trays, tray rack, and tray plate, and then replace in chamber by raising front of tray rack while pushing tray plate into chamber with tray rack inserted into back 1/8" holes (Refer to Installation / Operation Manual). This will allow tray rack and tray plate to slide in easier. When assembly is almost fully in chamber, insert tray rack into front holes of the tray plate and push **completely into the chamber.**
- (j) Refill with clean, distilled water and run one **UNWRAPPED** cycle (3 minute cycle at 270°F {132°C}).
- (k) Drain water from reservoir and refill with clean, distilled water.
- (l) Sterilizer is now ready for use.

2. PRESSURE RELIEF VALVE CHECK

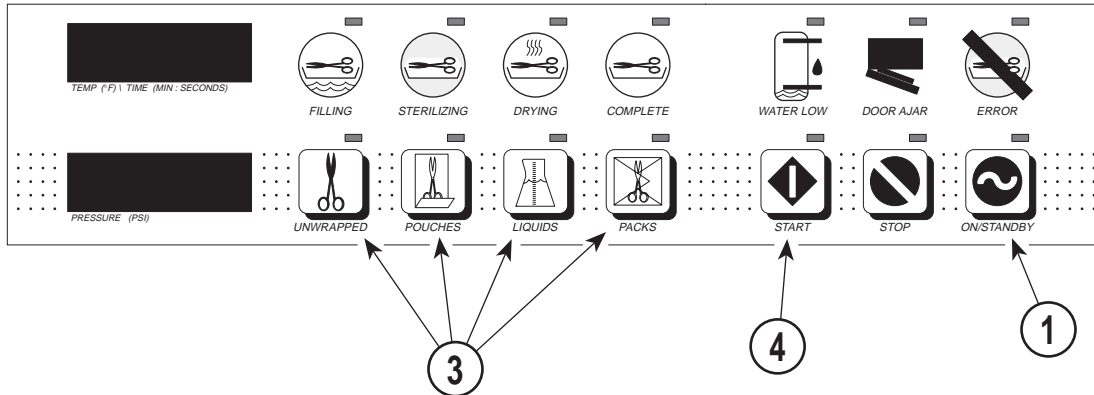
Refer to the Installation and Operation Manual for this procedure.

Remember to ask your dealer for Speed-Clean Sterilizer Cleaner™ (#002-0396-00) or call 1-800-MIDMARK for information

OVER FOR M9 / M11 OPERATION

Operating Your M9 & M11 Sterilizer

MA43930c







STEP 1 Press the ON / STANDBY button.

STEP 2 Refer to Standard Cycle Parameters (below) to select the proper sterilization program time and temperature.

STEP 3 Select and press the appropriate sterilization program button.

STEP 4 Press the START button.

2 Standard Cycle Parameters

PROGRAM	* TEMP / PRESSURE / TIME	ITEMS TO BE STERILIZED
UNWRAPPED 	270°F (132°C) 27 psi (186 kPa) FOR 3 minutes	Instruments loose on a tray. Open glass or metal canisters. Tubing not used in surgical procedures. Items manufacturers recommend for exposure at 270°F (132°C) for 3 minutes. The sterility of unwrapped items is compromised on exposure to a non-sterile environment.
POUCHES 	270°F (132°C) 27 psi (186 kPa) FOR 15 minutes	Instruments and dental handpieces. Loosely wrapped individual instruments. Multiple layers of instruments separated by fabric. Wrapped trays of loose instruments. Tubing. Items manufacturers recommend for exposure at 270°F (132°C) for 15 minutes.
LIQUIDS 	250°F (121°C) 15 psi (104 kPa) FOR 30 minutes	Liquids or gels that could boil over with rapid depressurization. Cycle includes special vent and dry functions. Not recommended for sterilization of liquids intended for direct patient contact.
PACKS 	250°F (121°C) 15 psi (104 kPa) FOR 30 minutes	Textiles and surgical gloves wrapped for sterilization. Items, except liquids, manufacturers recommend for exposure at 250°F (121°C) for 30 minutes.

* Values are minimums

MA43930b

OVER FOR M9 / M11 OPERATOR MAINTENANCE

MIDMARK®

Midmark Corporation, Versailles, Ohio 45380 U.S.A.
937-526-3662 TELEX 288007 FAX 937-526-5542