

M7 SPEEDCLAVE®



## DEPENDABLE

**The Midmark M7 SpeedClave® Self-Contained Steam Sterilizer is efficient, economical and dependable.**

Over forty years in the field have proven the Midmark M7 to be the workhorse of sterilizers. And, with constant improvements and new technology, the M7's reliability just keeps getting better. This self-contained unit sterilizes wrapped or unwrapped instruments, linen packs and glassware. Starting hot, the M7 sterilizes unwrapped instruments in just 9 minutes. No plumbing is required as the M7 has its own reservoir for distilled or demineralized water. For added convenience, we've included three corrosion-resistant, stainless steel trays. It's also economically priced, making it the best product for your money.



### Safety Door

The safety door automatically seals when pressurized and will not allow the operator to open the door until the chamber is safely depressurized.

### Temperature Regulator

The temperature regulator allows the operator to preset the temperature at a desired setting between 250° F (121° C) and 270° F (132° C). This control, acting as a thermostat, cycles the heating element on and off.

### Temperature Gauge

The temperature gauge indicates the temperature inside the chamber. The gauge is graduated in two-degree increments from 80° F (26.7° C) to 270° F (132° C).

### Low Water Cut-out Switch

The low water cut-out switch prevents "dry burning". The M7 will operate only when there is enough water present, which prolongs the life of the heating element. A pilot light is on when the heater is on and cycles on and off during normal operation.

### Cycle Timer

The cycle timer regulates sterilization time from 0 to 30 minutes and automatically turns the M7 off when the sterilization cycle is complete. This prevents over-sterilization thus extending the service life of your instruments.



**M7 SpeedClass**  
Sterilizer

Manual Setting	Hot Cycle Times*	Cold Cycle Times*	Sterilization Time**	Sterilization Temp.
Unwrapped	9 min.	11.5 min.	3 min.	132° C 270° F
Pouches	21 min.	23.5 min.	15 min.	132° C 270° F
Packs	33 min.	38 min.	30 min.	121° C 250° F

\*Does not include drying time.  
 \*\*Sterilization time is included in the hot and cold cycle time.  
 Note: Cycle times are approximate and may vary depending on instrument loads.



**MERCOFRAMES OPTICAL CORP**

5555 Nw 74 Ave. Miami, Fl 33166      305-882-0120  
 www.mercoframes.com      sales@mercoframes.net

## Specifications

M7	
Overall length w/plug:	19" (48.3 cm)
Overall width:	14" (35.6 cm)
Overall height:	13" (33 cm)
Countertop area (minimum depth):	16.5" (41.9 cm)
Chamber:	7.5" diameter (19.1 cm), 15" depth (38.1 cm) 2.4 gal. usable volume (9.0 liters)
Trays:	Two large – 5.62" W x 12" L x .88" D (14.3 cm x 30.5 cm x 2.2 cm)  One small – 4.12" W x 12" L x .88" D (10.5 cm x 30.5 cm x 2.2 cm)
Unit weight:	30 lbs. (13.6 kg)
Shipping weight:	34 lbs. (15.4 kg)
Water reservoir capacity:	1.31 gal. (4.9 liters)
Electrical requirements:	115 VAC, 60 Hz, 10 Amps Single Phase 115 VAC has 1136 watt tubular immersion heater 230 VAC, 50 Hz, 5 Amps Single Phase UL Listed to U.S., Canadian, and International safety standards UL61010A-1 IEC 1010-1, IEC 1010-2-041 CAN/CSA C22.2 No. 1010 CAN/CSA C22.2 No. 1010.2-041 96 A separate (dedicated) circuit is recommended for this sterilizer
Installation:	Use on moisture and heat resistant surfaces. Allow 2.5" (6.4 cm) on sides and rear, and 12" (30.5 cm) above, to allow space to fill reservoir and for cooling processed trays.



### Front Draining Feature

With our front draining feature, it's easy to clean and maintain. All controls and information are on the front and easily accessible to the operator.



### The Midmark Steri-Center

When it comes to your instrument processing needs, Midmark is an expert in the industry. With durable casework that can withstand the elements, the Midmark Steri-Center can be designed to meet your instrument flow. To complete the steri-center, add other reliable Midmark products: sterilizers or ultrasonic cleaners.



M11, M9, M7 and M3 Sterilizers



M550, M250 and M150 Soniclean® Ultrasonic Cleaners



## MERCOFRAMES OPTICAL CORP

5555 Nw 74 Ave. Miami, FL 33166 305-882-0120

www.mercoframes.com sales@mercoframes.net