WHAT DO YOU WANT IN A STERILIZER?

- Fast and easy use for efficient instrument processing
- Reliability and effectiveness for infection control assurance
- Patented automatic opening door for efficient instrument drying
- Maximum space utilization and a complimentary design for your sterilization area

Our full line of sterilizers address all of your important critical sterilization needs. In fact, we’re sure you’ll find a Midmark sterilizer that’s just right for your practice.
The Midmark M9 and M11 UltraClave® Automatic Sterilizers - make sterilization reliable and efficient.

Today, more than ever, you need reliable and easy to use products from a trusted partner who understands your sterilization needs. The Midmark M9 and M11 UltraClave Automatic Sterilizers are specifically designed and engineered to meet those needs. The intuitive display and simple prompts help you easily select the cycle you need... whether it is for unwrapped items, pouches, packs or handpieces. Once the sterilization process is complete, the door conveniently opens automatically and quietly to dissipate the steam and provide fast and efficient drying of your instruments.

Create peace of mind by making the dental market’s leading sterilizers...the Midmark M9 and M11 UltraClave...your preferred office choice.

- **Pouch Rack**
  - M9 - 1 pouch rack
  - M11 - 2 pouch racks

- **Vertical Cassette Rack**
  - M11 only
  - Holds four 8” x 11” and four 3” x 8” cassettes.

- **Horizontal Cassette Rack**
  - M11 only
  - Holds four 8” x 11” and four 3” x 8” cassettes.
<table>
<thead>
<tr>
<th>Symbol</th>
<th>Pre-programmed Cycle</th>
<th>Sterilization Temperature</th>
<th>Hot Cycle Time (Fill, Heat-up &amp; Vent)</th>
<th>Sterilization Time</th>
<th>Dry Time</th>
<th>Total Hot Cycle Time w/o dry</th>
<th>Total Hot Cycle Time w/dry</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>M9</td>
<td>M11</td>
<td>M9</td>
<td>M11</td>
<td>M9</td>
<td>M11</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Unwrapped</td>
<td>132˚C</td>
<td>132˚C</td>
<td>270˚F</td>
<td>270˚F</td>
<td>11 min.</td>
<td>15 min.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Pouches</td>
<td>132˚C</td>
<td>132˚C</td>
<td>270˚F</td>
<td>270˚F</td>
<td>12 min.</td>
<td>17 min.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Packs</td>
<td>121˚C</td>
<td>121˚C</td>
<td>250˚F</td>
<td>250˚F</td>
<td>10 min.</td>
<td>14 min.</td>
</tr>
<tr>
<td><img src="image" alt="Icon" /></td>
<td>Handpieces (Unwrapped &amp; Pouches)</td>
<td>132˚C</td>
<td>132˚C</td>
<td>270˚F</td>
<td>270˚F</td>
<td>11 min.</td>
<td>16 min.</td>
</tr>
</tbody>
</table>

NOTE: Cycle times are approximate and may vary depending on instrument loads. Preset drying is 30 minutes but can be programmed from 0 to 60 minutes.
Pulse-air Removal Technology

The M11’s Steam-Flush Pressure-Pulse Air Removal System is so efficient that it can pass the air removal tests required on more complex vacuum steam sterilizer systems, thus ensuring good steam penetration for those challenging loads. Plus, less complexity means better reliability and a cost effective solution for your sterilization needs.

Convenience at a Glance

The LCD display indicates cycle selected, cycle temperature and exposure time. When the cycle enters sterilization mode, the temperature, pressure, and the remaining cycle time is displayed. Remaining cycle time is also displayed in the dry mode.

No More Wet Instruments

Once sterilization is complete, the door opens automatically and quietly to dissipate steam and dry your instruments. You’ll have dry, sterile instruments every time.

Safety Features

If the door is not closed completely or the reservoir water level is low, the LCD display will provide the appropriate message. In either case, sterilization will not continue until you’ve attended to the unit.

Ease of Draining & Filling

For ease of draining and filling, both the M9 and M11’s reservoir fill port and drain tube are in the front of the unit, not on top or in back.

Optional Printer Accessory

The M9 and M11 printer accessory provides a permanent record of cycle times, temperatures and pressures during a cycle.

Self Program Controls

Programmable controls allow for creation of different cycle parameters for special sterilization needs. Programmable buttons allow you to change the following: Exposure Time (3 to 90 minutes), Temperature (230 to 275° F), Dry Time (0 to 60 minutes), or Vent (slow or fast). The #1 and #2 buttons allow you to store the change if desired.

Pre-Programmed Controls

Four pre-programmed sterilization cycle controls: Unwrapped (132° C or 270° F for 3 minutes), Pouches (132° C or 270° F for 5 minutes), Packs (121° C or 250° F for 30 minutes), Handpieces (unwrapped and pouched) (132° C or 270° F for 6 minutes).

LCD Display

Indicates cycle selected, temperature and exposure time. During the cycle, the display shows messages describing status of cycle. When the cycle enters sterilization mode, remaining time is displayed as well as temperature and pressure.

Cycle Start Button

Initiates selected cycle

Manual Stop Button

Terminates selected cycle or function
## Specifications

<table>
<thead>
<tr>
<th></th>
<th>M9</th>
<th>M11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length w/plug:</td>
<td>20.38” (51.8 cm)</td>
<td>23.8” (60.5 cm)</td>
</tr>
<tr>
<td>Overall width:</td>
<td>15.3” (38.9 cm)</td>
<td>17.8” (45.2 cm)</td>
</tr>
<tr>
<td>Overall height w/printer:</td>
<td>15.8” (40.1 cm)</td>
<td>17.8” (45.2 cm)</td>
</tr>
<tr>
<td>Minimum Countertop area:</td>
<td>15.3” x 17.88” (38.9 cm x 45.4 cm)</td>
<td>17.8” x 21.0” (45.2 x 53.3 cm)</td>
</tr>
<tr>
<td>Chamber:</td>
<td>9” diameter (22.9 cm), 15” depth (38.1 cm) 3.5 gal. usable volume (13.4 liters)</td>
<td>11” diameter (28 cm), 18” depth (45.7 cm) 6.5 gal. usable volume (24.6 liters)</td>
</tr>
<tr>
<td>Trays:</td>
<td>Two large – 7.3” W x 12” L x 0.8” D (18.6 cm x 30.5 cm x 2.2 cm) Two small – 5.6” W x 12” L x 0.8” D (14.3 cm x 30.5 cm x 2.2 cm)</td>
<td>Two large – 9” W x 15” L x 1.1” D (22.9 cm x 38 cm x 2.9 cm) Two small – 6.6” W x 15” L x 1.1” D (16.8 cm x 38 cm x 2.9 cm)</td>
</tr>
<tr>
<td>Unit weight:</td>
<td>73 lbs. (33.1 kg)</td>
<td>99 lbs. (44.9 kg)</td>
</tr>
<tr>
<td>Shipping weight:</td>
<td>81 lbs. (36.7 kg)</td>
<td>131 lbs. (59.4 kg)</td>
</tr>
<tr>
<td>Water reservoir capacity:</td>
<td>1.1 gal. (4.1 liters)</td>
<td>1.4 gal. (5.3 liters)</td>
</tr>
</tbody>
</table>

### Optional accessories:
- 9A259001 – Impact Dot Matrix Printer
- 9A224001 – Sterilizer Deep Tray
- 9A226001 – Sterilizer Pouch Rack
- 9A307001 – Cool Hand Tool (Tray & Cassette Removal Tool)
- 9A260001 – External Condensing Tank

### Installation
- Use on laminate, stainless steel or stone surface. Allow 2.0” (5.08 cm) on sides and rear and 5” (12.7 cm) above, to allow space to fill reservoir and change the printer paper roll.

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**NEW**

### M3 UltraFast™ Automatic Sterilizer

The Midmark M3 UltraFast Automatic Sterilizer allows you to rapidly process your instruments. The M3 provides reliable, fast sterilization and also quickly dries your instruments.

### M11D and M9D AutoClave® Sterilizers

The Midmark M9D and M11D AutoClave® Automatic Sterilizers offer easy, effective sterilization, but without the convenience of a door that opens automatically. One button starts the cycle...but at the end of the automatic sterilization process, you need to manually open the door within 30 minutes of completion to activate the dry cycle. This extra step is the only physical difference between the M9D and M11D and their automatic counterparts.