What do you want in a sterilizer?

Our full line of sterilizers are designed to address all of your critical cleaning needs. In fact, we’re sure you’ll find a Ritter sterilizer that’s just right for your office. From the capacity of the market-leading M11 UltraClave® Automatic Sterilizer to the speed of the M3 UltraFast®, the Ritter family of sterilizers was designed to meet the specific needs of your office.

- Fast and easy to use for efficient instrument processing
- Reliability and effectiveness for infection control assurance
- Virtually effortless operation—one step loading, push-button start and automatic drying
- Designed to help reduce the risk of staff injury by addressing all of your critical cleaning needs.

**M9 and M3 Accessories**

- Accessory Tray
- Rack, sterilizer
- Optional Accessories: Door Tray, Cassette (6.5” x 10.5” x 1.25”)

**M11 & M9 Accessories**

- Accessory Rack, sterilizer
- Optional Accessories: Top Door Tray, Cassette (7.25” W x 11.75” L x 1” D (29.8 x 18.4 x 2.5 cm))

**Ritter M11 Specifications**

- 

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water reservoir capacity</td>
<td>1.4 gal (5.3 liters)</td>
</tr>
<tr>
<td>Overall length w/plug</td>
<td>20.4” (51.8 cm)</td>
</tr>
<tr>
<td>Overall width</td>
<td>17.8” (45.2 cm)</td>
</tr>
<tr>
<td>Minimum Countertop area</td>
<td>15” (38.1 cm) in x 17.9” (45.4 cm)</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>80 lb (36.3 kg)</td>
</tr>
<tr>
<td>Unit weight with water</td>
<td>80 lb (36.3 kg)</td>
</tr>
<tr>
<td>Unit weight immersion</td>
<td>73 lb (33.1 kg)</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>115 VAC, 50/60 Hz, 15 amps, Single Phase</td>
</tr>
<tr>
<td>Maximum Power Consumption</td>
<td>1400 watts</td>
</tr>
<tr>
<td>Canadian Registration Number (CRN)</td>
<td>Meets the requirements of ASME Boiler and Pressure Vessel Code</td>
</tr>
<tr>
<td>CSA C22.2 No. 61010-2-040-07</td>
<td></td>
</tr>
<tr>
<td>CAN/CSA C22.2 No. 61010-1, 2nd Edition</td>
<td></td>
</tr>
<tr>
<td>UL 61010-1, 2nd Edition, IEC 61010-2-040</td>
<td></td>
</tr>
<tr>
<td>Minimum Countertop area</td>
<td>15” (38.1 cm) in x 17.9” (45.4 cm)</td>
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<tr>
<td>Minimum Countertop area</td>
<td>15” (38.1 cm) in x 17.9” (45.4 cm)</td>
</tr>
</tbody>
</table>

**M3 Specifications**

- 

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water reservoir capacity</td>
<td>1.1 gal (4.1 liters)</td>
</tr>
<tr>
<td>Overall length w/plug</td>
<td>22” (55.9 cm)</td>
</tr>
<tr>
<td>Overall width</td>
<td>17.8” (45.2 cm)</td>
</tr>
<tr>
<td>Minimum Countertop area</td>
<td>15” (38.1 cm) in x 17.9” (45.4 cm)</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>80 lb (36.3 kg)</td>
</tr>
<tr>
<td>Unit weight with water</td>
<td>80 lb (36.3 kg)</td>
</tr>
<tr>
<td>Unit weight immersion</td>
<td>73 lb (33.1 kg)</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>115 VAC, 50/60 Hz, 12 amps, Single Phase</td>
</tr>
<tr>
<td>Maximum Power Consumption</td>
<td>1425 watts</td>
</tr>
<tr>
<td>Canadian Registration Number (CRN)</td>
<td>Meets the requirements of ASME Boiler and Pressure Vessel Code</td>
</tr>
<tr>
<td>CSA C22.2 No. 61010-2-040-07</td>
<td></td>
</tr>
<tr>
<td>CAN/CSA C22.2 No. 61010-1, 2nd Edition</td>
<td></td>
</tr>
<tr>
<td>UL 61010-1, 2nd Edition, IEC 61010-2-040</td>
<td></td>
</tr>
</tbody>
</table>

**Optional Accessories**

- Door Tray
- Cassette (6.5” x 10.5” x 1.25”)
- Tray & Cassette Removal Tool
- Impact Dot Matrix Printer
- Sterilizer Pouch Rack
- Cool Hand Tool
- Ultrasonic Cleaner

**For more information or a demonstration, contact your Midmark office or Midmark Corporation.**

Fax: 1-800-365-8631

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Products subject to improvement changes without notice.
**M11 & M9 Sterilizers**

Ritter M11 and M9 Ultraclave® Automatic Sterilizers

Today more than ever, you need products that are reliable and simple to use. Ritter sterilizers are designed to meet and exceed your sterilization needs. With the M11 and M9, the door opens automatically and quietly to dissipate the steam, giving you a fast drying time for your instruments. Less complexity means better reliability and a cost effective solution.

Preset drying time is 30 minutes but can be programmed from 0 to 60 minutes.

*Cycle times do not include drying time.

The Steam-Flush Pressure Pulse Air Removal System is so efficient that it can pass the air removal tests required on more complex vacuum steam sterilizers three times prior to sterilization.

Ritter M3 UltraFast® Automatic Sterilizer

The Ritter M3 UltraFast® Automatic Sterilizer is everything you need in a sterilizer. Sterilize unwrapped instruments in 6 minutes and pouched sterilization cycle controls:

- Four pre-programmed controls
- Self program buttons for creation of different sterilization cycle parameters to meet your unique sterilization needs.

The M3 is designed for easy-to-understand controls.

**M3 Sterilizer**

The Ritter M3 UltraFast® Automatic Sterilizer

The Ritter M3 UltraFast® Automatic Sterilizer is everything you need in a sterilizer. Sterilize unwrapped instruments in 6 minutes and pouched sterilization cycle controls:

- Four pre-programmed controls
- Self program buttons for creation of different sterilization cycle parameters to meet your unique sterilization needs.

The M3 is designed for easy-to-understand controls.

**Midmark Steri-Center**

The Midmark Steri-Center is designed to help prevent crossover storage issues to the extent possible, improving instrument flow, it offers the optimum in sterilization efficiency and provides intelligent system monitoring and feedback.

**Controls**

- Water level sensor
- Door tray
- Drain access panel
- Quick reference casework brochure or visit midmark.com.

**Standard Features**

- 30 Amps Single phase 120v, 60 Hz
- 4 110 AC outlets
- 150 W 12VDC outlet
- Expansion slots for 4 optional Intercom System
- Mover/Reducer Panel with single channel (120VAC) power entry and outlet (2-20 Amps)
M11 & M9 Sterilizers

Ritter M11 and M9 UltraClave® Automatic Sterilizers

Today more than ever, you need products that are reliable and simple to use. These sterilizers are designed to meet your needs and are easy to use, which means more productivity for your personnel. The M11 is the Ritter sterilizer designed to meet the needs of hospitals and private practices. The M9 is designed for larger groups and institutions. To simplify your practice and maintain reliability, Ritter sterilizers are designed to be easier and are time tested for durability and precision. With any Ritter sterilizer, simply load it, set it and forget it. Select your unique sterilization cycle parameters to meet your needs. Change the following:

- Temperature (230 to 275˚ F),
- Devices and/or dental handpieces: 132º C or 270º F for 5 minutes,
- Unwrapped (132º C or 270º F for 5 minutes),
- Packs (121º C or 250º F for 5 minutes),

...for creation of different sterilization cycle controls:

- Four pre-programmed cycle types,
- Programs (10 to 250 minutes),
- Steaming, Air removal tests for sterility assurance.

The Steam-Flush Pressure Pulse Air Removal System is so efficient that it can pass the air removal tests required on more complex vacuum steam sterilizers. The cycle times are approximate and may vary depending on instrument loads.

The Ritter M3 UltraFast® Automatic Sterilizer is everything you need in an efficient, worry-free use. Break free from your sterilizer with the reliable, self-programming Ritter M3 UltraFast® Automatic Sterilizer. It’s real convenience. You and your staff’s time is precious, so why waste it? The Ritter name is known for dependability and reliability. Anything less is not worth your time or effort.

The Ritter M3 UltraFast® Automatic Sterilizer is a fast, reliable, easy-to-use sterilizer. The Ritter M3 is designed to help prevent sterilization errors, ensure complete cycle completion and provide the optimum in sterilization efficiency and feedback.

Sterilizer M3 Standard Features

- Self Programmable Controls
- Cycle Selection & Function
- Cycle Start Button
- LCD Display
- Indicating cycle selected and function
- Cycle Type
- Cycle Time w/ Dry Type
- Cycle Type
- Temperature & Pressure
- Time
- Status of the cycle

The right thing to do for you, your staff and your practice

The Ritter M3 UltraFast® Automatic Sterilizer is a fast, reliable, easy-to-use sterilizer. The Ritter M3 is designed to help prevent sterilization errors, ensure complete cycle completion and provide the optimum in sterilization efficiency and feedback. It’s real convenience. You and your staff’s time is precious, so why waste it? Break free from your sterilizer with the reliable, self-programming Ritter M3 UltraFast® Automatic Sterilizer.

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What do you want in a sterilizer?

Our full line of sterilizers is designed to address all of your critical cleaning needs. In fact, we’ve even put a tool at your disposal to make the job easier.

Our family of sterilizers was designed to meet the specific needs of your office. Ritter has been designing sterilizers for over 60 years, and we’ve learned a thing or two about what works and what doesn’t. We’re proud of our Ritter family of sterilizers, and we know you will be too.

Our full line of sterilizers is designed to be reliable and effective for infection control assurance. Fast and easy to use for efficient instrument processing. Features include:

- Pre-sterilization needs
- A separate (dedicated) circuit is recommended
- Canadian Registration Number (CRN) and Pressure Vessel Code
- Meets the requirements of ASME Boiler and Pressure Vessel Code
- CSA C22.2 No. 61010-2-040-07
- IEC 61010-2-040, 1st Edition
- UL 61010-1, 2nd Edition
- Maximum Power Consumption: 1400 watts
- Boiler heater power: 1400 watts
- Single Phase
- 115 VAC, 50/60 Hz, 12 amps
- Water reservoir capacity: 1.1 gal (4.1 liters)
- Shipping weight: 80 lb (36.3 kg)
- Unit weight: 71 lb (32.2 kg)
- Unit weight with water: 80 lb (36.3 kg)
- Holds the Hu-Friedy® Signa-Stat
- Chamber:
  - 22” W x 24” D (61 cm x 55.9 cm)
- Minimum Countertop area:
  - 22” W x 24” D (61 cm x 55.9 cm)
- Overall width: 17.8” (45.2 cm)
- Overall length w/plug: 20.4” (51.8 cm)
- Overall height w/printer: 15.8” (40.1 cm)
- Overall height w/plug: 19.4” (49.4 cm)
- Overall depth: 19.0” (48.3 cm)
- Dimensions (H x W x D):
  - M11 UltraClave® Automatic Sterilizer:
    - 22” W x 22” D x 26” H (55.9 x 55.9 x 66 cm)
    - Overall height w/stand: 34” (86.4 cm)
    - Overall length w/stand: 36” (91.4 cm)
- Specifications:
  - M11 UltraClave® Automatic Sterilizer:
    - Capacity: 18” W x 22” D x 3” H (45.7 x 55.9 x 7.6 cm)
    - Maximum pressure: 60 psig (413 kPa)
    - Temperature: 270°F (132°C)
    - Steam time: 30 minutes
- Ritter M11 Specifications:
  - Chamber:
    - 6.5 gal usable volume (24.6 liters)
    - 18” depth (45.7 cm)
    - 11” diameter (28 cm)
  - Minimum Countertop area:
    - 14” W x 18” D (35.6 x 45.7 cm)
  - Overall height w/printer: 17.8” (45.2 cm)
  - Overall width: 17.8” (45.2 cm)
  - Overall length w/plug: 23.8” (60.5 cm)
- Ritter M11, M9, M3 Specifications:
  - Chamber:
    - 3.5 gal usable volume (13.4 liters)
    - 15” depth (38.1 cm)
    - 9” diameter (22.9 cm)
  - Minimum Countertop area:
    - 12” W x 15” D (30.5 x 38.1 cm)
  - Overall height w/printer: 15.8” (40.1 cm)
  - Overall width: 15.3” (38.9 cm)
  - Overall length w/plug: 20.4” (51.8 cm)
  - Dimensions (H x W x D):
    - (18.3 cm x 30.5 cm x 2.2 cm)
    - (14.3 cm x 30.5 cm x 2.2 cm)
- Ritter M11, M9, M3 Automatic Sterilizers
  - Midmark M9/M11/M3 Automatic Sterilizers
  - Midmark Corporation, Versailles, Ohio.
  - Fax: 1-800-365-8631
  - For more information or a demonstration, contact your Midmark Dealer or Midmark Corporation.

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Accessories that add convenience.

M11 & M9 Accessories

- Impact Pouch Rack
  - two large – 9” W x 15” L x 1.1” D
  - 6.5 gal usable volume (24.6 liters)
  - 18” depth (45.7 cm)
  - 11” diameter (28 cm)
- M11 UltraClave® Automatic Sterilizer to the left of the M3 top from:
  - 22” W x 22” D x 3” H (55.9 x 55.9 x 7.6 cm)
  - Overall height w/stand: 34” (86.4 cm)
  - Overall length w/stand: 36” (91.4 cm)
- Additional door trays
  - 6.5 gal usable volume (24.6 liters)
  - 18” depth (45.7 cm)
  - 11” diameter (28 cm)
- Door Tray
  - to shield the M3 top from scratches or damage.
- Use the cover protector:
  - for enhanced steam sterilization cycle data,
  - sterilizer records, and prints
  - critical sterilization cycle data, including chamber temperature and pressure.

M3 Accessories

- Door Tray
  - for efficient instrument processing.
- Additional door trays
  - 9A307001 - Cool Hand Tool
  - 9A226001 - Sterilizer Pouch Rack
  - 9A259001 - Impact Dot Matrix Printer
  - Optional Accessories
  - A separate (dedicated) circuit is recommended
  - Canadian Registration Number (CRN) and Pressure Vessel Code
  - Meets the requirements of ASME Boiler Part 2-040, 1st Edition
  - CSA C22.2 No. 61010-1, 2nd Edition
  - IEC 61010-2-040, 1st Edition
  - UL 61010-1, 2nd Edition

Midmark M9/M11

Midmark is an ISO 9001 Certified Company.

Litho in U.S.A. 007-0379-00 Rev. L1 (7/16)

Midmark Corporation, Versailles, Ohio.

For more information or a demonstration, contact your Midmark Dealer or Midmark Corporation.

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www.midmark.com

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- Fast and easy to use for efficient instrument processing
- Reliability and effectiveness for infection control assurance
- Virtually effortless operation—once step loading, push button start and automatic drying
- Pre-sterilization needs
- Use, quiet and reliable solution to your sterilization needs
- Recommended for this sterilizer

### Ritter M9/M3

#### Accessories

- Door Tray
- Top Cover Protector
- Impact Printer

#### M250 Soniclean® Ultrasonic Cleaner

- 9A307001 - Cool Hand Tool
- 9A226001 - Sterilizer Pouch Rack
- 9A259001 - Impact Dot Matrix Printer

#### Optional Accessories

- Recommended for this sterilizer
- A separate (dedicated) circuit is recommended
- A separate (dedicated) circuit is available
- Canadian Registration Number (CRN)

#### Specifications

- **M3 Specifications**
  - Overall height: 6.9" (17.5 cm)
  - Overall length w/plug: 22" (55.9 cm)
  - Overall width: 15.3" (38.9 cm)

- **M11 Specifications**
  - Overall height w/printer: 15.8" (40.1 cm)
  - Overall width: 15.3" (38.9 cm)
  - Overall length w/plug: 20.4" (51.8 cm)

### Ritter M11, M9, M3

#### Accessories

- Top Cover Protector
- Cool Hand Tool
- Sterilizer Pouch Rack

#### Pouch Rack

- Cassette (6.5" x 10.5" x 1.25")
- Holds the Hu-Friedy® Signa-Stat

#### Optional Accessories

- Recommended for this sterilizer
- A separate (dedicated) circuit is available

#### Specifications

- **M11 Specifications**
  - Minimum Countertop area:
  - Overall height w/printer: 15.8" (40.1 cm)
  - Overall width: 15.3" (38.9 cm)
  - Overall length w/plug: 20.4" (51.8 cm)

- **M9 Specifications**
  - Minimum Countertop area:
  - Overall height w/printer: 15.8" (40.1 cm)
  - Overall width: 15.3" (38.9 cm)
  - Overall length w/plug: 20.4" (51.8 cm)

- **M3 Specifications**
  - Minimum Countertop area:
  - Overall height: 6.9" (17.5 cm)
  - Overall length w/plug: 22" (55.9 cm)
  - Overall width: 15.3" (38.9 cm)