Trust the best.

With three out of four procedures now taking place in ambulatory care settings, it’s time to take a deeper look at instrument processing in your facilities. Midmark instrument processing solutions can help transition you beyond just cleaning and sterilizing to a more holistic, standardized approach. Each element from our ultrasonic cleaners to our casework has been fine-tuned to take the worry and complexity out of instrument processing.

Ease-to-Use
What good is technology if it’s not easy to use? Midmark instrument processing solutions are built to be simple to use right out of the box. And if you ever need help, we’re here.

Supported
You may not think about your instrument processing equipment until it goes down. But rest assured that if it does, we’ll be there to get you back up and running quickly.

Technology should empower you, not hold you back.
Midmark instrument processing solutions are designed from the inside out to perform consistently throughout the life of the product. Our products do their job, so you can do yours.

QuickClean™ ultrasonic cleaners deliver powerful cleaning, consistent results.
Cabinetry options help standardize your workflow in an array of designs.
Ritter Sterilizers available in three sizes to fit your needs.

Technology should empower you, not hold you back.
Ritter Sterilizers

Ritter offers a full line of tabletop sterilizers designed to be safe and dependable with stainless steel construction and third-party ASME certification, so you can be confident your instruments are sterilized properly each cycle. And all of our sterilizers are designed, manufactured and supported in the U.S. with over 100 years of manufacturing experience built into each one.

Programmed Controls
Once a pre-programmed cycle is selected, the unit is designed to automatically sterilize without any operator assistance.

Smart Technology
If the door isn’t closed completely or the water level is low, the sterilizer will stop and alert the operator to take proper action.

Safety Features
Open-Door Drying
Once sterilization is complete, the door opens automatically and quietly to dissipate steam and dry your instruments.

Dynamic Air Removal
Midmark autoclaves utilize Steam-Flush Pressure Pulse air removal technology to remove air from the chamber. This system is designed to be efficient and to ensure good steam penetration, allowing for the passing of air removal tests required by more complex vacuum steam sterilizers. Plus, less complexity means better reliability and a cost-effective solution for your sterilization needs.

Pre-Programmed Cycle | Sterilization Temperature | Hot Cycle Time (Net, Heat-up & Vent) | Sterilization Time | Dry Time | Total Hot Cycle Time w/o Dry | Total Hot Cycle Time w/Dry
---|---|---|---|---|---|---
All Units: M11, M9, M3 | | | | | | |
Unwrapped | 270°F (132°C) | 11 Min | 11 Min | 2.5 Min | 3 Min | 14 Min | 16 Min | 31 Min
Pouches | 270°F (132°C) | 17 Min | 12 Min | 6 Min | 5 Min | 17 Min | 22 Min | 49 Min
Packaged Items | 250°F (121°C) | 15 Min | 10 Min | 4 Min | 3 Min | 17 Min | 30 Min | 56 Min
Instruments | 270°F (132°C) | 15 Min | 11 Min | N/A | 6 Min | 17 Min | N/A | N/A

Note: Cycle times are approximate and may vary depending on instrument load.

Ritter offers a full line of tabletop sterilizers designed to be safe and dependable with stainless steel construction and third-party ASME certification, so you can be confident your instruments are sterilized properly each cycle. And all of our sterilizers are designed, manufactured and supported in the U.S. with over 100 years of manufacturing experience built into each one.

Programmed Controls
Once a pre-programmed cycle is selected, the unit is designed to automatically sterilize without any operator assistance.

Smart Technology
If the door isn’t closed completely or the water level is low, the sterilizer will stop and alert the operator to take proper action.

Safety Features
Open-Door Drying
Once sterilization is complete, the door opens automatically and quietly to dissipate steam and dry your instruments.

Dynamic Air Removal
Midmark autoclaves utilize Steam-Flush Pressure Pulse air removal technology to remove air from the chamber. This system is designed to be efficient and to ensure good steam penetration, allowing for the passing of air removal tests required by more complex vacuum steam sterilizers. Plus, less complexity means better reliability and a cost-effective solution for your sterilization needs.

Pre-Programmed Cycle | Sterilization Temperature | Hot Cycle Time (Net, Heat-up & Vent) | Sterilization Time | Dry Time | Total Hot Cycle Time w/o Dry | Total Hot Cycle Time w/Dry
---|---|---|---|---|---|---
All Units: M11, M9, M3 | | | | | | |
Unwrapped | 270°F (132°C) | 11 Min | 11 Min | 2.5 Min | 3 Min | 14 Min | 16 Min | 31 Min
Pouches | 270°F (132°C) | 17 Min | 12 Min | 6 Min | 5 Min | 17 Min | 22 Min | 49 Min
Packaged Items | 250°F (121°C) | 15 Min | 10 Min | 4 Min | 3 Min | 17 Min | 30 Min | 56 Min
Instruments | 270°F (132°C) | 15 Min | 11 Min | N/A | 6 Min | 17 Min | N/A | N/A

Note: Cycle times are approximate and may vary depending on instrument load.
QuickClean™ Ultrasonic Cleaners
Powerful Cleaning, Consistent Results

Providing powerful, effective cleaning and consistent results, the QuickClean Ultrasonic Cleaner is a piece of equipment your office can’t be without. It’s cutting-edge technology can help you create a safer, more efficient work environment by decreasing worker exposure to contaminants and potential sharps injuries while reducing the time and effort needed for cleaning.

Powerful
Integrated Frequency-Leap technology ensures homogenous cavitation activity throughout the tank, creating a consistent cleaning action no matter where your instruments are placed in the basket.

Simple to Operate
QuickClean is easy to use right out of the box, so you can get your staff up and running with minimal training time.

Range of Sizes
QuickClean comes in three table top sizes (1.2, 3.3 and 6.6 gal.) and two recessed options (3.3 and 6.6 gal.), so you can choose the option that best fits your configuration and workflow needs.

Flexible Workflow
To support different workflows, our baskets are designed to provide flexibility. Two small baskets fit into the medium sized unit while a medium and small basket both fit into the large unit.

Recessed Options
Improve visibility, access and ergonomics with the recessed option (available in 3.3 and 6.6 gal).

Beaker Option
The beaker accessory supports the cleaning of very small items. Ultrasonic activity passes through the glass into the liquid within the beaker.
1. Cleaning and Decontamination
Reusable instruments, supplies and equipment should be received, cleaned and decontaminated in one section of the processing area.

2. Preparation and Packaging
Cleaned instruments and other supplies should be inspected, assembled into sets or trays and wrapped, packaged or placed into container systems for sterilization.

3. Sterilization and Monitoring
The sterilization area should include the sterilizer and related supplies with adequate space for loading, unloading and cool down. Use mechanical, chemical and biological monitoring to ensure effectiveness of the sterilization process.

4. Storage
The storage area should contain storage for sterile items and disposable items. Supplies and instruments should not be stored under sinks or in other locations where they might become wet.

The Sterilization Process
Ensuring consistency of sterilization practices requires a comprehensive program that ensures operator competence and proper methods of: 1.) cleaning and decontamination 2.) preparation and packaging 3.) sterilization 4.) and storage.

1. Cleaning and Decontamination
2. Preparation and Packaging
3. Sterilization and Monitoring
4. Storage
Casework Standard Features

Seamless Panels
Seamless, polymer-covered panels are designed to provide a durable surface that resists spilled fluids and chemicals and can be cleaned with no surface degradation.

Steel Hinges
Concealed, adjustable hinges mount to the steel frame to give a distinct, clean look that withstands everyday use.

Maximum Drawer Space
Full extension slides are designed to be sturdy and allow you to use all available drawer space, including hard-to-reach spaces in the back.

Seamless Panels
Seamless, polymer-covered panels are designed to provide a durable surface that resists spilled fluids and chemicals and can be cleaned with no surface degradation.

Steel Hinges
Concealed, adjustable hinges mount to the steel frame to give a distinct, clean look that withstands everyday use.

Maximum Drawer Space
Full extension slides are designed to be sturdy and allow you to use all available drawer space, including hard-to-reach spaces in the back.

VistaCool™ Direct-To-Drain System

Single Unit
Designed to be compatible with the Midmark M3.

Double Unit
Designed to be compatible with any two current Midmark sterilizers.

QuickClean™

Beaker Accessory Kits
Safely clean smaller items with the beaker accessory.

Cleaning Solutions
Use the QuickClean with our ultrasonic cleaning solutions to ensure a quicker, more thorough clean.

Baskets
Additional cleaning baskets will help eliminate bottlenecks and maximize flow.

Accessories and Supplies

M9/M11

Impact Printer
Records and prints critical sterilization cycle data, including time, temperature and pressure.

Cool Hand Tool
Designed to help reduce the risk of staff injury by making it safer and simpler to load and unload your sterilizer.

Pouch Rack
Designed to conveniently separate sterilization pouches for enhanced steam circulation and drying.

M3

Printer
Records and prints critical sterilization cycle data, including time, temperature and pressure.

Door Tray
Lightweight, durable stainless steel handle ergonomically designed for balance and comfort.

Top Cover Protector
Use the top cover protector to shield the M3 top from scratches or damage.

Steel Frame Construction
Steel frame construction delivers long life and consistent door and drawer performance along with a flexible shell design to allow for changing configurations.

Seamless Polystyrene Drawers
Rounded corners and one-piece construction are designed to allow drawers to contain spills and be easy to clean.

Steel Frame Construction
Steel frame construction delivers long life and consistent door and drawer performance along with a flexible shell design to allow for changing configurations.

Seamless Polystyrene Drawers
Rounded corners and one-piece construction are designed to allow drawers to contain spills and be easy to clean.

Impact Printer
Records and prints critical sterilization cycle data, including time, temperature and pressure.

Cool Hand Tool
Designed to help reduce the risk of staff injury by making it safer and simpler to load and unload your sterilizer.

Pouch Rack
Designed to conveniently separate sterilization pouches for enhanced steam circulation and drying.

Printer
Records and prints critical sterilization cycle data, including time, temperature and pressure.

Door Tray
Lightweight, durable stainless steel handle ergonomically designed for balance and comfort.

Top Cover Protector
Use the top cover protector to shield the M3 top from scratches or damage.

Steel Frame Construction
Steel frame construction delivers long life and consistent door and drawer performance along with a flexible shell design to allow for changing configurations.

Seamless Polystyrene Drawers
Rounded corners and one-piece construction are designed to allow drawers to contain spills and be easy to clean.

Steel Frame Construction
Steel frame construction delivers long life and consistent door and drawer performance along with a flexible shell design to allow for changing configurations.

Seamless Polystyrene Drawers
Rounded corners and one-piece construction are designed to allow drawers to contain spills and be easy to clean.
M11 Specifications
Length w/plug: 23.8" (60.5 cm)
Width: 17.8" (45.2 cm)
Height w/printer: 17.8" (45.2 cm)
Minimum Countertop Area: 17.8"W x 21.0"D (45.2 x 53.3 cm)
Chamber: 11.1" x 18" (28 x 45.7 cm)
6.5 gal usable volume (24.6 L)
Trays:
Two Large – 9"W x 15"L x 1.1"D
(22.9 x 38.3 x 2.9 cm)
Two Small – 6.6"W x 15"L x 1.1"D
(16.8 x 38.3 x 2.9 cm)
Unit Weight: 99 lb (44.9 kg)
Shipping Weight: 131 lb (59.4 kg)
Water Reservoir Capacity: 1.4 gal (5.3 L)

M9 Specifications
Length w/plug: 20.4" (51.8 cm)
Width: 15.3" (38.9 cm)
Height: w/printer 15.8" (40.1 cm)
Minimum Countertop Area: 15.3"W x 17.9"D (38.9 x 45.4 cm)
Chamber: 9.1" x 15" (22.9 x 38.1 cm)
3.5 gal usable volume (4.1L)
Trays:
Two Large – 7.3"W x 12"L x 0.8"D
(18.6 x 30.5 x 2.2 cm)
Two Small – 5.6"W x 12"L x 0.8"D
(14.3 x 30.5 x 2.2 cm)
Unit Weight: 73 lb (33.2 kg)
Shipping Weight: 81 lb (36.7 kg)
Water Reservoir Capacity: 1.1 gal (4.1L)

M9 & M11 Electrical Requirements
115VAC, 50/60 Hz, 15 Amps Single Phase
115 VAC has 1425 watt tubular immersion heater
UL 61010-1, 2nd Edition
IEC 61010-2-040
CAN/CSA C22.2 No. 61010-1, 2nd Edition
CSA C22.2 No. 61010-2-040
FCC Part 15, Sub-part B

All Midmark and Ritter sterilizers
Meet the requirements of ASME Boiler and Pressure Vessel Code
Canadian Registered – CRN number is available
Recommend a separate (dedicated) circuit
1 Year Limited Warranty

VistaCool™ is a trademark of Vista Research Group, Ashland, OH

Midmark is an ISO 13485 and ISO 9001 Certified Company
For more information or a demonstration, contact your Midmark dealer or call: 1-800-MIDMARK
Outside the U.S.A. call: 1-837-528-3662
or visit our website at midmark.com

© 2017 Midmark Corporation
Midmark Corporation, Dayton, OH.
Products subject to improvement changes without notice
Litho in U.S.A. 007-10022-00 Rev. A1 (8/17)