



DENTAL

Instrument Processing



Designing Better Care



**WE BELIEVE DESIGN IS ABOUT
NOT JUST THE WORKFLOW, BUT
THE PEOPLE WORKING IN IT.**

Keep your team and patients safe
with simple, worry-free infection
prevention solutions based on best
practices you can trust.



Simplify Safety

Don't let one dirty instrument ruin your reputation.

Make safety your top priority and gain patients' trust in your ability to keep them safe with a well-designed, well-equipped and easy-to-use instrument processing environment.



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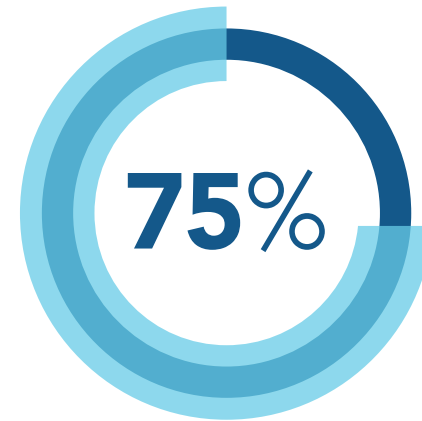
Design a Safer Practice Through Safer Instrument Processing

As one of the most highly trafficked areas of your practice, the sterilization center is an essential hub for efficiency and risk control.

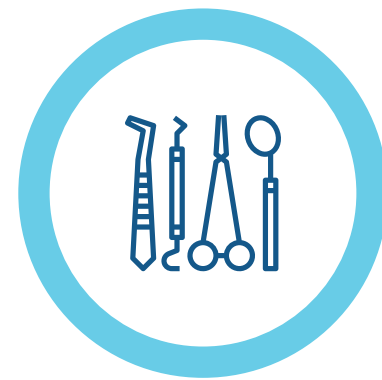


80–120

Number of times per day **your team may go in and out of the instrument processing area** based on average dental practices¹



Percentage of offices in the US that have an **inadequately sized sterilization center**²

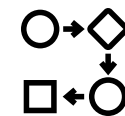


30–50%

Percentage of **sharps injuries** occurring during instrument processing procedures³



Percentage of **infectious diseases transmitted** by touching contaminated surfaces⁴



BUILD A SAFER PRACTICE THROUGH SAFER INSTRUMENT PROCESSING. Consider your workflow, processes and equipment as you design your optimal sterilization center.

1-4 See back page for details and sources

Design Considerations for Your Sterilization Center

A well-designed sterilization center is not just an engine of productivity for your practice—it can be a valuable marketing tool to reassure your patients how much you care about their safety. Consider your equipment, space and workflow to create a safety showpiece.

SUFFICIENT CAPACITY

When choosing your sterilizer, consider the number of doctors and hygienists in your practice to determine the capacity you need.

ADEQUATE SPACE

Ample countertop space allows easy separation of dirty and clean instruments during processing. Additional upper cabinet storage can help keep your instrument processing area clean and organized.

THE RIGHT WORKFLOW

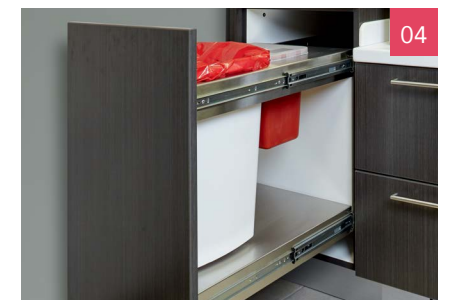
The Centers for Disease Control and Prevention (CDC) recommend a 5-step workflow from dirty instruments to clean instruments.⁵ Midmark cabinetry is designed to support this best practice workflow in each sterilization center layout.



Tip: Use clear windows to set your instrument processing room apart and allow patients to observe from a safe position.

CHOOSE THE RIGHT STERILIZER CAPACITY

Number of Clinicians	Recommended Number of Sterilizers	Recommended Models of Steam Sterilizers
1 Doctor + 1 Hygienist	1 Steam Sterilizer	1 M11® Steam Sterilizer
1–2 Doctors + 2–4 Hygienists	2 Steam Sterilizers	2 M11 Steam Sterilizers —or— 1 M11 Steam Sterilizer + 1 M9® Steam Sterilizer
3 Doctors + 3–5 Hygienists	3 Steam Sterilizers	3 M11 Steam Sterilizers —or— 2 M11 Steam Sterilizers + 1 M9 Steam Sterilizer



- 01** Decrease exposure to contaminants and help protect your team from potential sharps injuries by using an automatic, ultrasonic cleaner to minimize the handling of contaminated instruments.
- 02** Keep patients safe and simplify workflow by equipping your space with fully compliant, easy-to-learn sterilizers with optional record-keeping data loggers.

- 03** Minimize surface contamination when cleaning or rinsing instruments with a hands-free gooseneck faucet.
- 04** Minimize cross-contamination and help your team maintain a clean, professional-looking sterilization center with multiple trash-drop options, including hands-free operation.



LET US DESIGN YOUR STERILIZATION CENTER WITH YOU

Midmark design experts are ready to help you create your optimal sterilization center. From proper equipment sizing to cabinetry and layout, we'll work with you to design the best environment for your practice.

⁵ See back page for details and sources

5-Step Instrument Processing Workflow

Follow the dirty-to-clean instrument workflow established by the CDC to help contain contamination and maximize the efficiency of your instrument cleaning and sterilization process.



RECEIVING, CLEANING AND DECONTAMINATING

Reusable instruments, supplies and equipment should be received, cleaned and decontaminated in one section of the processing area.

PREPARING AND PACKAGING

Cleaned instruments and other supplies should be inspected, assembled into sets or trays, and wrapped or packaged for sterilization.

STERILIZING

The sterilization area should include the sterilizer and related supplies with adequate space for loading and unloading the sterilizer.

MONITORING/ ASSURING STERILITY

Physical, chemical and biological monitoring should be used to ensure the effectiveness of the sterilization process. Results of sterilization need to be recorded.

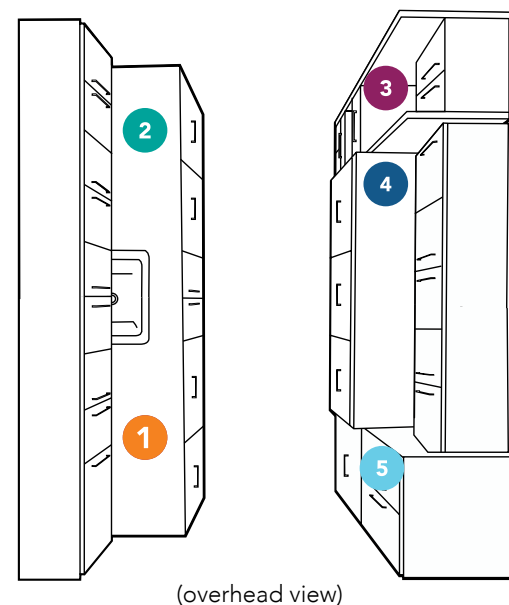
STORING

The storage area should be adequately sized, covered and located in an area protected from moisture.

Galley Layout



The galley layout consists of workspaces on two opposing walls with a single traffic lane between. This arrangement allows for easy access and efficient workflow, helping your team keep it all moving with a linear design while keeping everything within reach.

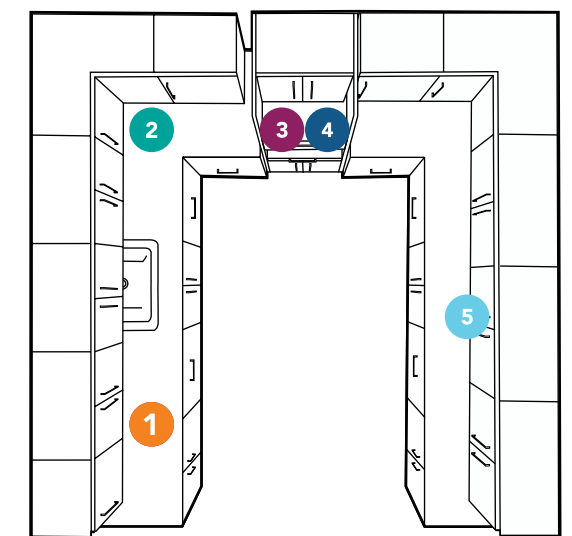


(overhead view)

U-Shaped Layout



Multiple cleaners and sterilizers demand space, and a U-shaped design provides that space and more. Ample surface areas allow more of your team in the room to multi-task and maintain a bustling workflow.

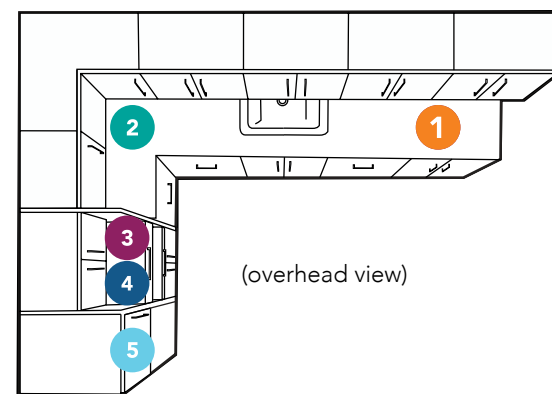


(overhead view)

L-Shaped Layout



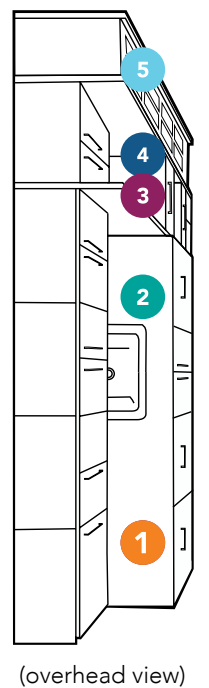
An L-shaped counter arrangement maximizes use of available space where elbow room is limited. The space you have can be all you need to do instrument processing effectively and safely.










Straight-Line Layout



A straight-line layout creates an inviting space, showing your patients you take pride in every detail. Perfectly suited to the 5-step workflow of instrument processing, a straight-line workspace design can help maximize efficiency for effective infection prevention.



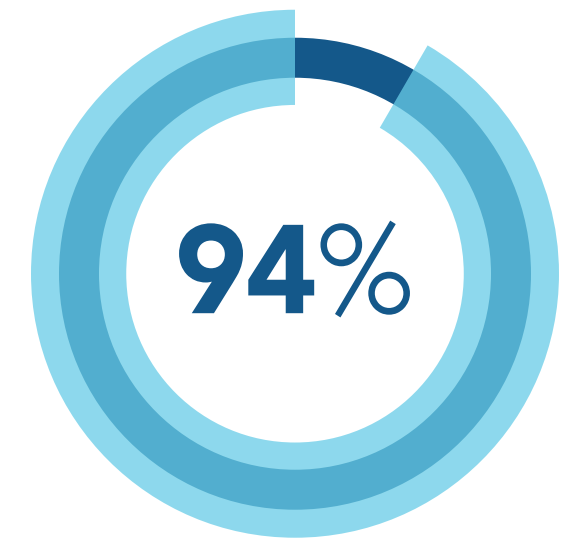
Things to Consider

DESIGN CONSIDERATIONS BEYOND THE CDC RECOMMENDATIONS																
CONSIDER	WHY THIS CONSIDERATION IS IMPORTANT	HOW TO SOLVE	MIDMARK SOLUTION	RATE IMPORTANCE <i>(scale of 1–3 where 1 is lowest and 3 is highest)</i>												
 <p>Location Is your instrument processing area centrally located?</p>	On average, your team may go in and out of the instrument processing area 80–120 times per day. A closer sterilization center means less time walking back and forth and more time with patients.	Consider centering your design around your sterilization center. Make sure the farthest operator is no more than three operatories away.	Midmark Design Experts (Call 1.800.MIDMARK)													
 <p>Showcasing safety Do your patients know how you're keeping them safe?</p>	A well-designed sterilization center is not just an engine of productivity for your practice, it can be a valuable marketing tool to reassure your patients how much you care about their safety.	Consider your equipment, space and workflow to create a safety showpiece. Consider adding a glass window so patients can see how you're keeping them safe.	Midmark Design Experts (Call 1.800.MIDMARK)													
EQUIPMENT CONSIDERATIONS																
CONSIDER	WHY THIS CONSIDERATION IS IMPORTANT	HOW TO SOLVE	MIDMARK SOLUTION	RATE IMPORTANCE <i>(scale of 1–3 where 1 is lowest and 3 is highest)</i>												
 <p>Number of clinicians Is your instrument processing equipment adequate to reprocess instruments for each clinician's patient load?</p>	If you don't have enough equipment capacity for instrument processing, it can slow down your practice and increase labor costs.	<table border="1"> <thead> <tr> <th>Clinicians</th> <th>QuickClean Ultrasonic Cleaners</th> <th>Midmark Steam Sterilizers</th> </tr> </thead> <tbody> <tr> <td>1 Doctor + 1 Hygienist</td> <td>1, QC3 Ultrasonic Cleaner</td> <td>1, M11® Steam Sterilizer</td> </tr> <tr> <td>1–2 Doctors + 2–4 Hygienists</td> <td>1, QC3 Ultrasonic Cleaner – or – 1, QC6 Ultrasonic Cleaner</td> <td>2, M11 Steam Sterilizers – or – 1, M11 Steam Sterilizer + 1, M9® Steam Sterilizer</td> </tr> <tr> <td>3 Doctors + 3–5 Hygienists</td> <td>1, QC3 Ultrasonic Cleaner – or – 1, QC6 Ultrasonic Cleaner</td> <td>3, M11 Steam Sterilizers – or – 2, M11 Steam Sterilizers + 1, M9 Steam Sterilizer</td> </tr> </tbody> </table>	Clinicians	QuickClean Ultrasonic Cleaners	Midmark Steam Sterilizers	1 Doctor + 1 Hygienist	1, QC3 Ultrasonic Cleaner	1, M11® Steam Sterilizer	1–2 Doctors + 2–4 Hygienists	1, QC3 Ultrasonic Cleaner – or – 1, QC6 Ultrasonic Cleaner	2, M11 Steam Sterilizers – or – 1, M11 Steam Sterilizer + 1, M9® Steam Sterilizer	3 Doctors + 3–5 Hygienists	1, QC3 Ultrasonic Cleaner – or – 1, QC6 Ultrasonic Cleaner	3, M11 Steam Sterilizers – or – 2, M11 Steam Sterilizers + 1, M9 Steam Sterilizer		
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 <p>Handpiece maintenance What is your solution for cleaning and lubricating your handpieces? Is it simple and efficient?</p>	Handpieces require special cleaning and lubrication. Performing this care and maintenance manually can be time-consuming and lead to inconsistent results.	Consider adding a handpiece cleaning and lubrication device to your sterilization center for consistent, repeatable and thorough results.	Lubricare 2® Handpiece Care and Maintenance System by Bien-Air®													
 <p>Cassettes vs. Pouches Do you use cassettes?</p>	Cassettes help you process more instruments than pouches in one load. For their greater capacity and larger dimensions, cassettes require larger cleaners and sterilizers.	Consider ultrasonic cleaners of at least 3 gallons, sterilizers with a chamber of at least 11-inches and a cassette rack for better drying in your sterilizer.	QC3 or QC6, M11 Steam Sterilizers and optional Cassette Racks													
 <p>Monitoring Is your team consistently documenting and monitoring results in your sterilization records?</p>	The CDC and ANSI/AAMI organizations recommend mechanical, chemical and biological monitoring of your sterilizers to ensure the equipment is operating properly for patient safety. Documenting each indicator result can help diagnose errors.	Consider simplifying mechanical monitoring with a data logger or printer that automatically captures mechanical information for your sterilizer.	Sterilizer Data Logger or M9/M11 Thermal Printer Accessory													
 <p>Total cost of ownership Have you considered how much your sterilizer maintenance is costing you?</p>	You could spend as little as \$120 per year or as much as \$2,000 per year depending on the technology you select. A sterilizer that uses a vacuum requires a daily air removal (Bowie-Dick) test and documentation of the results. Some sterilizers also require air and/or water filtration accessories that you will have to maintain and replace.	Consider a sterilizer that requires no additional air or water filtration accessories or expensive daily Bowie-Dick tests.	Midmark M9 or M11 Steam Sterilizers													

Midmark[®] Products and Solutions

"I've been in the industry for 16 years, and I only recommend Midmark M9 and M11 sterilizers to my clients. They rate a '10' for initial quality, ease of installation, product perception/image of quality and overall satisfaction. Midmark is always there for us."

Field Service Technician
Midmark Authorized Distributor



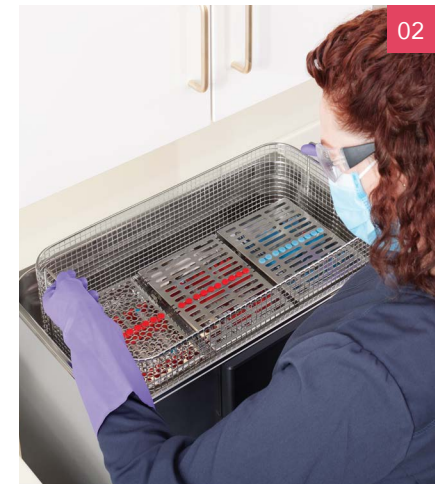
Percentage of dental service technicians who would recommend a Midmark sterilizer.⁶

QuickClean[®] Ultrasonic Cleaners

Cleaning is the critical first step in the 5-step instrument processing workflow and is necessary to remove contaminants before sterilization. The QuickClean Ultrasonic Cleaner can eliminate microscopic and hard-to-see debris manual cleaning may miss while decreasing exposure to contaminants and helping protect your team from potential sharps injuries.



Frequency LEAP technology helps clean thoroughly and consistently throughout the entire bath.



01 Choose the capacity that best fits your configuration and workflow needs. QuickClean comes in three countertop sizes—1.2, 3.3 or 6.6 gallons—and includes a 3-year limited warranty.

02 Accommodate your cassette workflow with the 3.3 or 6.6 gallon QuickClean size option.

03 QuickClean is available in two recessed options—3.3 or 6.6 gallons.

04 Fully clean instruments the first time, every time—no matter where they are placed in the basket.

QUICKCLEAN MODELS

	QC1-01	QC3-01	QC6-01	QC3R-01	QC6R-01
Type of Unit	Table top unit	Table top unit	Table top unit	Recessed unit	Recessed unit
Capacity	1.2 gal (4.5 liters)	3.3 gal (12.5 liters)	6.6 gal (25 liters)	3.3 gal (12.5 liters)	6.6 gal (25 liters)
Size of Unit	13.5" L x 10.2" W x 10.4" H (34.5 cm x 20 cm x 26.5 cm)	14.7" L x 16.5" W x 10.4" H (37.5 cm x 42 cm x 26.5 cm)	21.6" L x 16.5" W x 14.3" H (55 cm x 42 cm x 36.5 cm)	15.55" L x 14.37" W (39.5 cm x 36.5 cm)	22.48" L x 14.37" W (57.1 x 36.5 cm)
Size of Tank	11.8" L x 5.9" W x 5.9" H (30 cm x 15 cm x 15 cm)	13" L x 11.8" W x 5.9" H (33 cm x 30 cm x 15 cm)	19.9" L x 11.8" W x 7.9" H (50.5 cm x 30 cm x 20 cm)	13" L x 11.8" W x 5.9" H (33 cm x 30 cm x 15 cm)	19.9" L x 11.8" W x 7.9" H (50.5 x 30 x 20 cm)
Limited Warranty	3 years	3 years	3 years	3 years	3 years
Average Sound Level (with lid on)	68 dB	61 dB	69 dB	61 dB	66 dB

QuickClean® Features

ACCESSORIES AND SERVICE PARTS

QuickClean Ultrasonic Cleaners are easy to set up and operate right out of the box, so your team can be up and running with minimal installation and training time.



01 A digital LCD control panel displays prompts for easy operation. *Recessed unit shown.*

02 Retain previous cycle settings with options for preset or customized settings, along with built-in data storage.

03 A fluid sensor detects insufficient water level in the bath and alerts the operator.

04 Use glass beakers to clean very small items. Even though the items are inside the beaker, ultrasonic waves can still reach and clean them. Choose from a 2-beaker, 4-beaker or 6-beaker kit.

05 Restock your required cleaning solutions with Midmark's General Purpose Cleaner, Tartar and Stain Remover, and Enzymatic Cleaner; each available in 32 oz bottles.

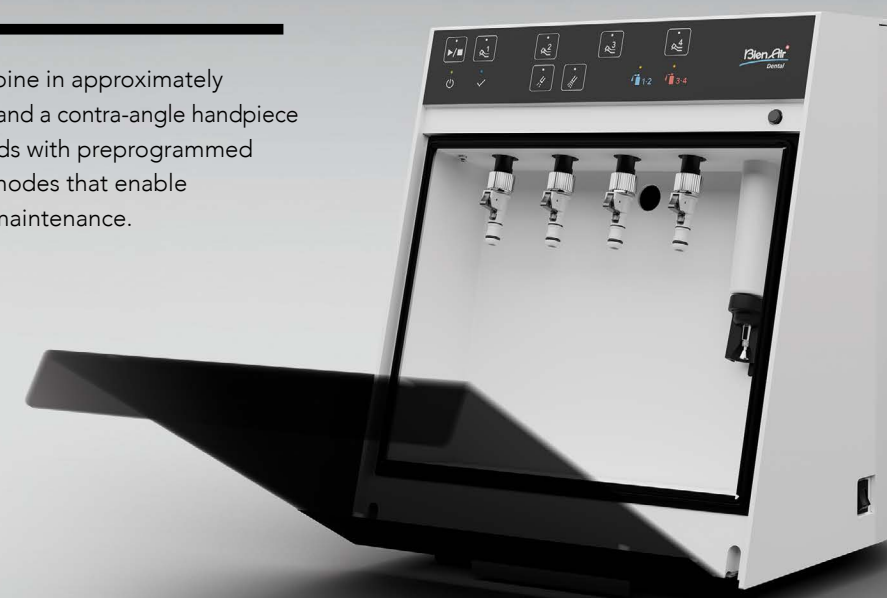
06 Always put instruments in a safety basket (or beaker) to avoid damage to the machine and/or instruments. Extra baskets are available for each QuickClean cleaner size in addition to the included basket.

Lubricare 2® by Bien-Air®

DENTAL HANDPIECE CARE + MAINTENANCE SYSTEM

The Lubricare 2's clean air-blow system ensures thorough cleaning and lubrication inside your handpieces and consistent repeatable high standards without the variability that may occur during manual lubrication.

Clean a turbine in approximately 20 seconds and a contra-angle handpiece in 40 seconds with preprogrammed operating modes that enable automatic maintenance.



01 Separate dispensing of cleaner and lubricant helps achieve more precise application than maintenance systems that dispense the solutions together.

Tip: Reduce 99.99% of the microbial load with Spraynet® cleaning solution.

Lubricare 2®

Compatibility	E-type attachments (Additional couplings may be required)
Cycle Duration	20 s turbine, 40 s contra angle
Capacity	4 handpiece lanes (2 cleaning, 2 lubricating) and 1 chuck lane
Rating	AC 100 V–240 V 50–60 Hz
Power Consumption	10 VA–25 VA
Air Flow Rate	60 NL/min–100 NL/min (0.3 MPa–0.5 MPa)
Air Pressure	43.5 psi–72.5 psi (0.3 MPa–0.5 MPa) 58 psi (0.4 MPa) recommended
Weight	Approx. 17 lb (8 kg)
Outer Dimensions	11.81" L x 11.81" W x 14.37" H (300 mm x 300 mm x 365 mm)

Midmark M9[®] + M11[®] Steam Sterilizers

Midmark sterilizers are designed to be safe, dependable and easy to use, featuring pre-programmed sterilization cycles, an intuitive LCD display with prompts to ensure quick, confident operation, and real-time safety alerts.

SAFETY FEATURES

Simple Control:

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

Smart Technology:

The sterilizer will automatically stop and alert the operator to take proper action if the door is not closed completely or the water level is low.

Model/Order No.	M9	M11
Overall length with plug	20.38" (51.8 cm)	23.8" (60.5 cm)
Overall width	15.3" (38.9 cm)	17.8" (45.2 cm)
Overall height with datalogger	17.24" (43.8 cm)	19.24" (48.9 cm)
Overall height with printer	16.1" (40.9 cm)	18.1" (50.0 cm)
Minimum countertop area	17.88" (45.4 cm) D x 15.3" (38.9 cm) W	21" (53.3 cm) D x 17.8" (45.2 cm) W
Chamber	9" diameter (22.9 cm) 15" depth (38.1 cm) 3.5 gal usable volume (13.4 liters)	11" diameter (28 cm) 18" depth (45.7 cm) 6.5 gal usable volume (24.6 liters)
Trays and pouch racks	Two large trays – each 7.3" W x 12" L x 0.8" D (18.6 cm x 30.5 cm x 2.2 cm) Two small trays – each 5.6" W x 12" L x 0.8" D (14.3 cm x 30.5 cm x 2.2 cm) One 5-slot pouch rack	Two large trays – each 9" W x 15" L x 1.1" D (22.9 cm x 38 cm x 2.9 cm) Two small trays – each 6.6" W x 15" L x 1.1" D (16.8 cm x 38 cm x 2.9 cm) One 6-slot pouch rack
Unit weight	73 lb (33.1 kg)	99 lb (44.9 kg)
Shipping weight	81 lb (36.7 kg)	131 lb (59.4 kg)
Water reservoir capacity	1.1 gal (4.1 liters)	1.4 gal (5.3 liters)
Electrical requirements	See midmark.com/IP for details	See midmark.com/IP for details

Steam sterilizers include a 1-year limited warranty.



Midmark M9 and M11 Steam Sterilizers include a 1-year limited warranty. Add a Sterilizer Data Logger at any time.

01 Midmark sterilizers require no additional air or water filtration accessories or expensive daily Bowie-Dick tests. They cost only pennies per day to maintain compared to the dollars per day required by other units.

02 Place your pouches in pouch racks to allow heat and steam to effectively circulate throughout the sterilizer chamber. Always use pouch racks on the bottom tray.

03 All Midmark sterilizers are designed, manufactured and supported in the US.

Safety and Efficiency

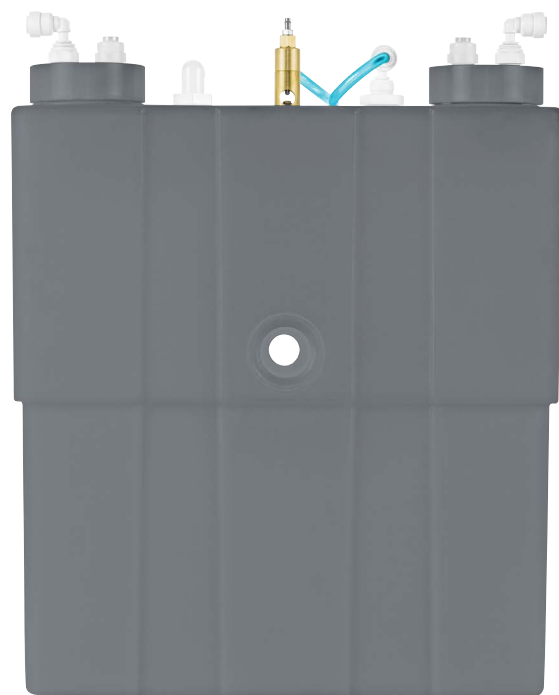
UNBEATABLE QUALITY AND SIMPLE MAINTENANCE



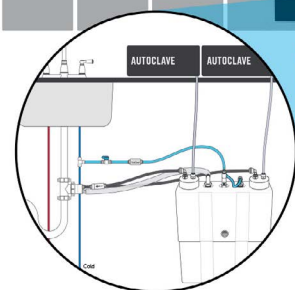
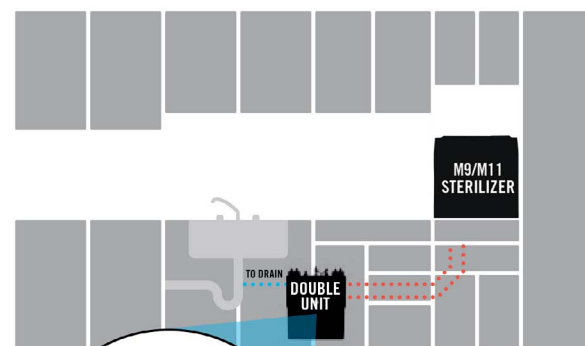
01 Ease of use is a hallmark of Midmark technology. Our instrument processing equipment is designed to be intuitive and simple to use right out of the box.

02 Easy-access drain and fill points make maintenance a breeze.

VISTACOOL™ DIRECT-TO-DRAIN WATER ELIMINATION SYSTEM



Say goodbye to your labor-intensive condensate tanks. The VistaCool direct-to-drain system simplifies wastewater elimination by taking condensate tanks out of the equation, freeing your staff to spend more time chairside and less time tending to equipment.



Double VistaCool Unit
Designed to be compatible with both the Midmark M9 and M11 sterilizers

ACCESSORIES FOR M9 AND M11 STERILIZERS



Sterilizer Data Logger
Records critical sterilizer cycle data electronically to a USB device, including time, date, temperature, pressure and operator identity



M9/M11 Printer
Records and prints critical sterilization cycle data including time, date, temperature and pressure



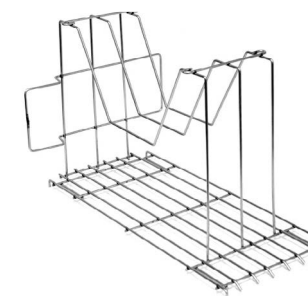
Cool Hand Tool
Is designed to help reduce the risk of team injury by making it safer and simpler to load and unload your sterilizer

POUCH RACKS FOR M9 AND M11 STERILIZERS

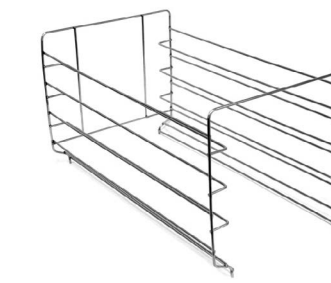


Pouch Rack, 6 Slot
Pouch Rack, 5 Slot
(One 5-slot included with M9 and one 6-slot included with M11)
Racks separate sterilization pouches for enhanced steam circulation and drying

CASSETTE RACKS FOR M11 STERILIZERS



Vertical Cassette Rack
Holds up to four 8" x 11" cassettes plus four 3" x 8" cassettes together or twelve 4.5" x 8" cassettes



Horizontal Cassette Rack
Holds up to four 8" x 11" cassettes plus four 3" x 8" cassettes together or twelve 4.5" x 8" cassettes

Tip: Choose accessories to tailor your equipment to the particular demands of your practice.

Clinical-Grade Cabinetry for Your Sterilization Center

Both Synthesis® and Artizan® Expressions Midmark cabinetry collections are specifically designed for the rigors of the healthcare environment and crafted to fit your space and workflow. Durable construction and aseptic surfaces stand up to the water, steam and heavy use of the sterilization area to provide a lifetime of usability.

**Because your practice is a specialized treatment facility,
you need solutions designed for dentistry.**



Synthesis[®] Sterilization Center Cabinetry

"Strong yet stylish, the steel Midmark cabinetry line [Synthesis] was the right choice for my new office. With well-thought-out functionality in a contemporary design, it shows every patient that our office invests in the absolute best for their care."

Dr. Brian S. Nylan
Grand Rapids, MI



Aligned with the LEED[®] Green Building Rating System, the steel frame of Synthesis Cabinetry provides the durable structure and aseptic design required for a long product life, even in the harsh and demanding environment of a sterilization center.



01 Seamless polymer-covered panels and polystyrene drawers promote asepsis.

02 Gravity-fed angled flow-shelving improves visibility and accessibility to supplies, even for items stored at the back.

03 Durable steel-frame construction delivers long life and consistent drawer and door performance.

Artizan® Expressions Sterilization Center Cabinetry

"The unique design of the Artizan Expressions cabinetry line sets my office apart from others with traditional dental cabinetry. Midmark has also done a great job with the ergonomic storage and overall function of the cabinetry, they've thought of it all!"

Dr. Reza Nazari
Granada Dental, Livermore, CA



Artizan Expressions brings a sleek, modern look to the dental space. We believe "best is standard" and use only quality components and materials on every cabinet we build.



01 Heavy-duty pull-out shelves in the sterilization tower cabinet provide easy access to your equipment.

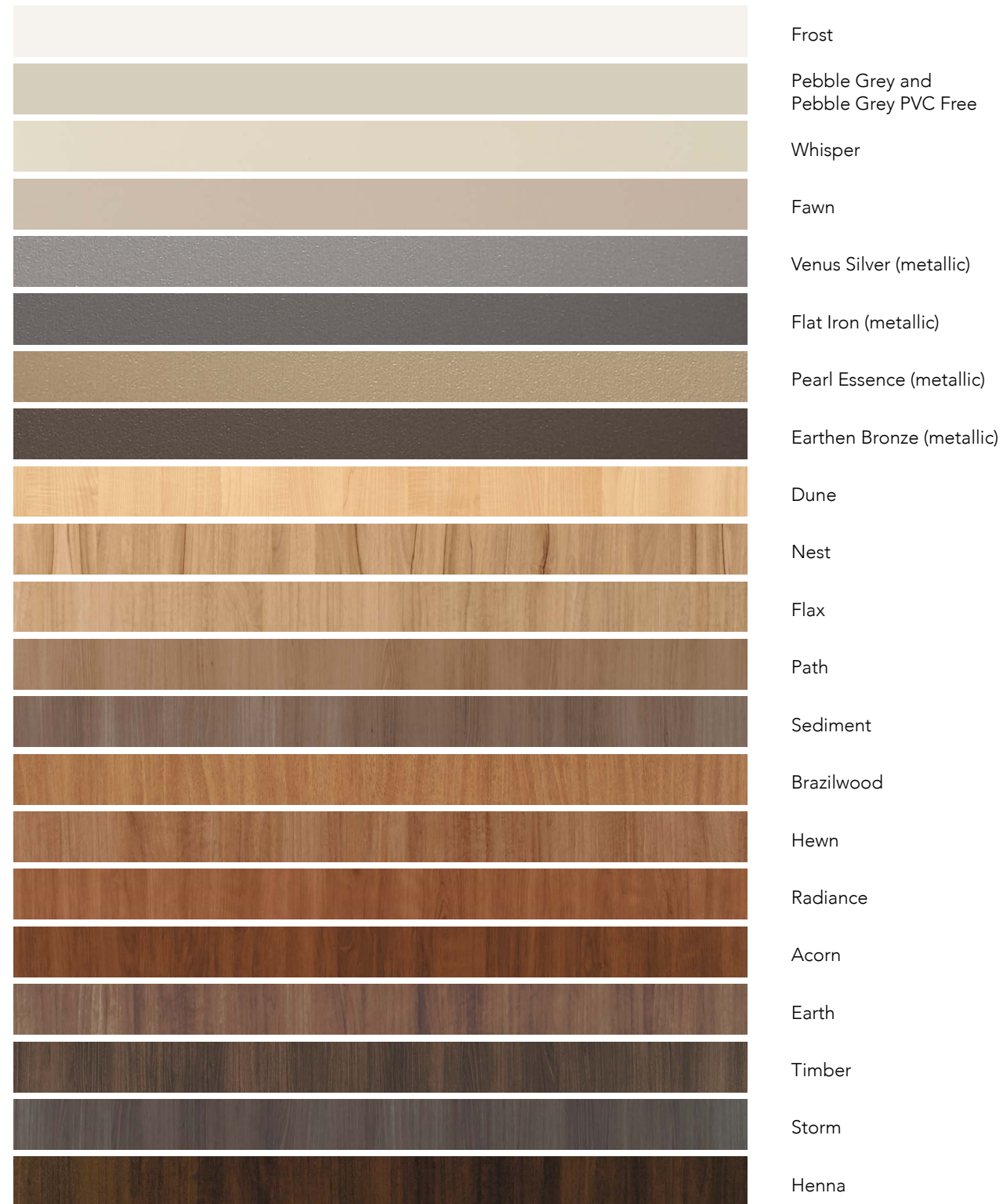


02 Trash-drop options, including a hands-free air-glide system, help minimize cross-contamination.

03 Full-extension, soft-close drawer systems enable easy drawer access.

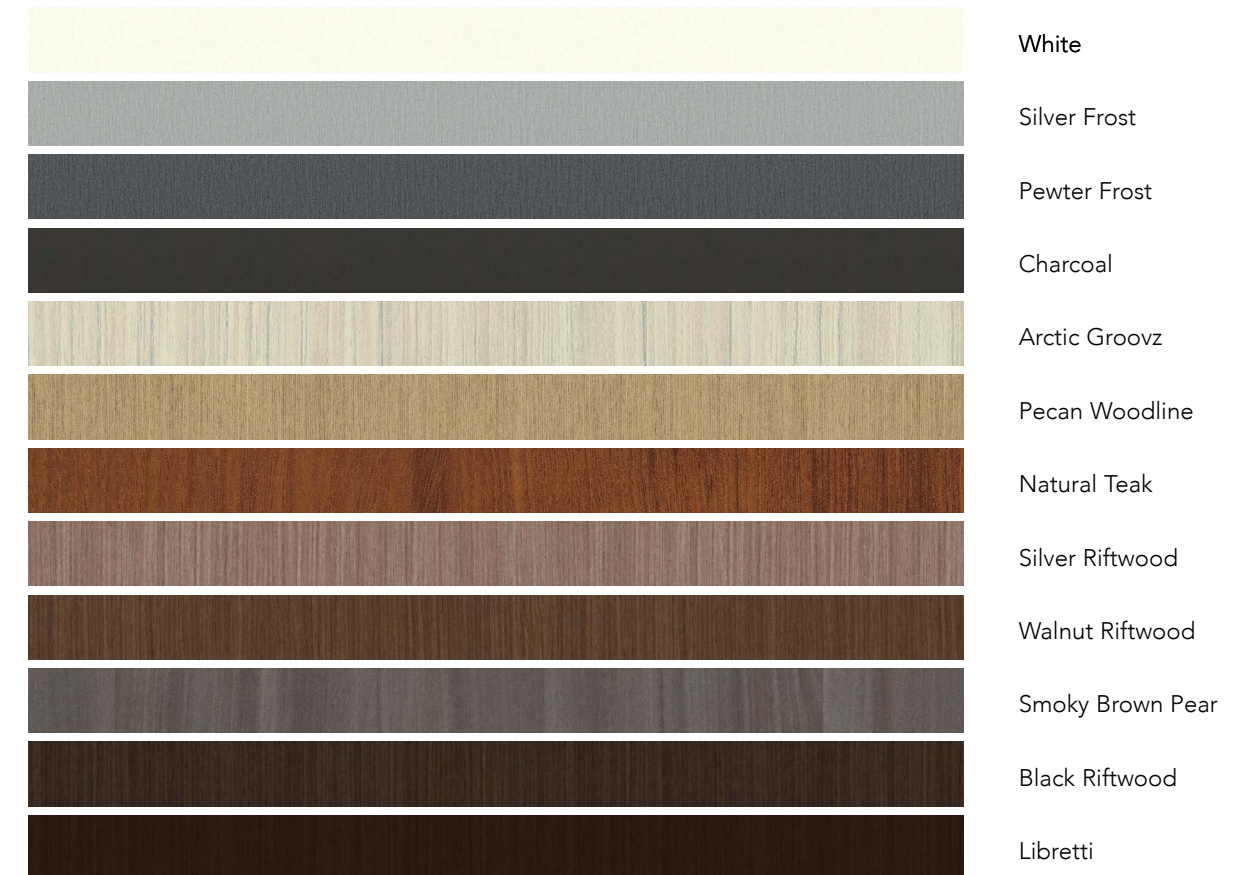
Cabinet Finishes

Synthesis® door and drawer panels are sealed with membrane-pressed thermofoils in woodgrain and metallic colors. Thermofoil is a dimensionally flexible material that provides a continuous seamless surface, eliminating the need for panel edgbanding and offering a high level of scratch and stain resistance.



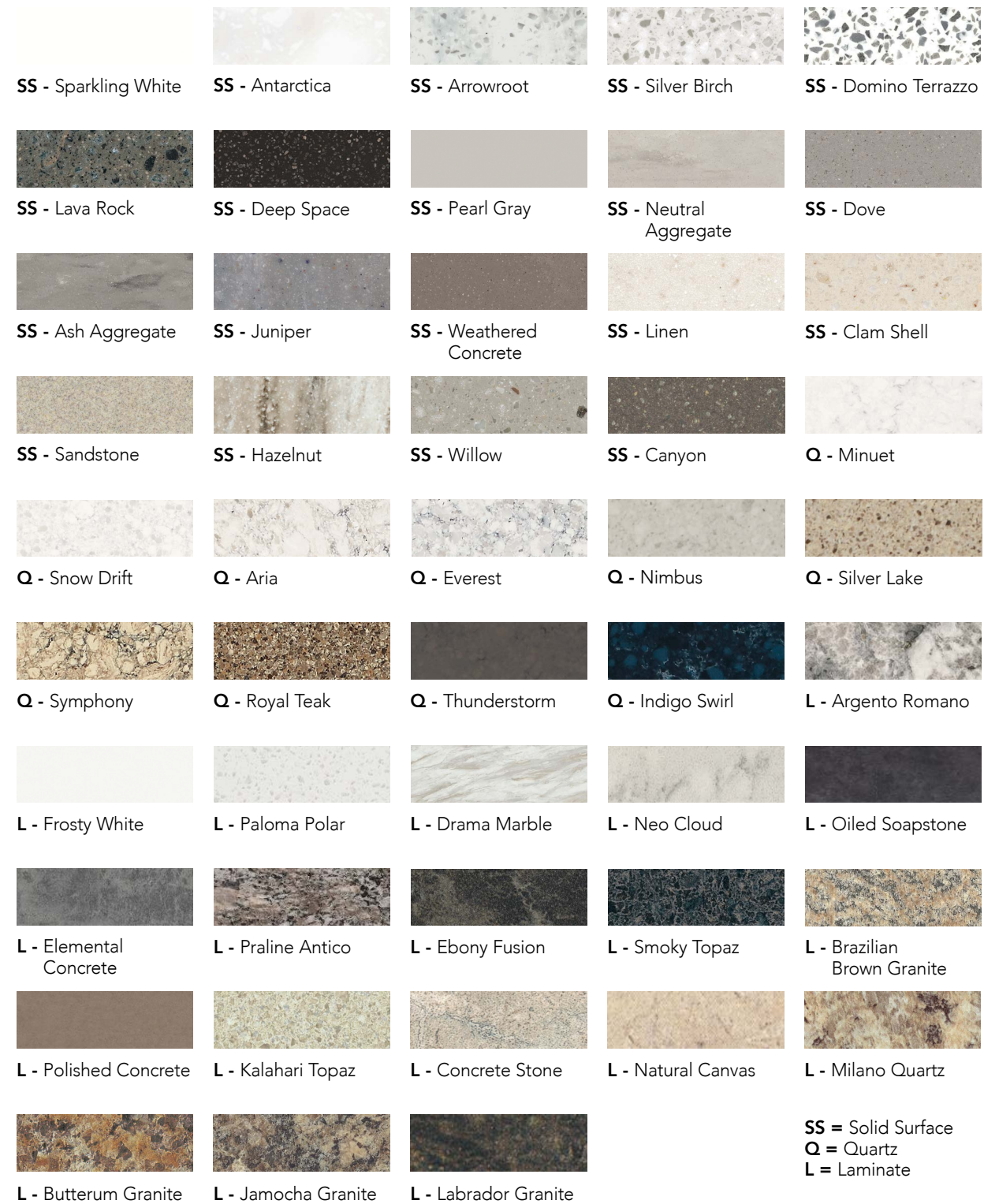
Cabinet Finishes

Available in a variety of Arauco® and Formica® colors, Artizan Expressions uses thermally fused melamine panels. These panels are created at high temperature and pressure to form a durable, peel-resistant finish. Matching edgbanding is applied to completely seal the corners from moisture.



Countertop Colors

Solid Surface: Solid surface is a unique material made from an advanced blend of natural minerals and acrylic polymer. It has proven itself to be a remarkably durable, versatile material that's an ideal surface for dental environments. **Quartz:** Quartz is virtually maintenance free and, because it is one of nature's strongest materials, it is also incredibly durable, exceptionally tough and scratch resistant. **Laminate:** Offering a variety selections, laminate countertops provide function while complementing any style of decor.



Handle and Panel Style Options

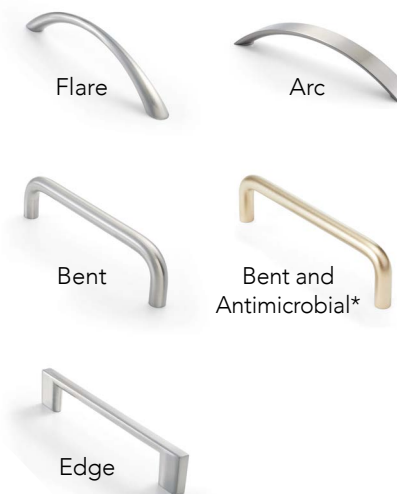
HANDLE STYLE



PANEL STYLE



HANDLE STYLES



PANEL STYLES



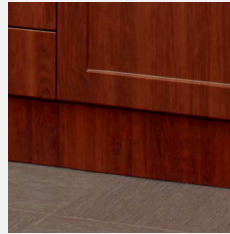




















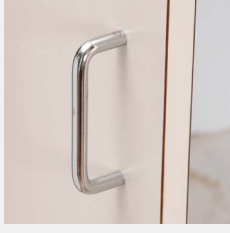


*EPA Registration Number 85353-2
**Available in Pebble Grey or Pebble Grey PVC Free only

Compare Quality:

MIDMARK® CLINICAL-GRADE CABINETRY VS. CONSUMER-GRADE CABINETRY

Most generic or local cabinetry is not designed for the demanding dental environment. Consumer-grade cabinetry can delaminate over time, develop unsealed corners susceptible to bacteria and moisture, and warp from the humidity inherent in the sterilization process.

	CABINET FRAME	PANEL SUBSTRATES	BASE MATERIAL	FINISHES	TYPES OF ASSEMBLY	DRAWERS	DRAWER SLIDES	HANDLES
<p>MIDMARK SYNTHESIS® CABINETRY</p> <p>A steel foundation provides optimal strength and durability.</p>	 <ul style="list-style-type: none"> • 18-gauge cold-rolled steel • Modular design 	 <ul style="list-style-type: none"> • Medium-density fiberboard • 3/4" panels 	 <ul style="list-style-type: none"> • Thermofoil over electrostatic, powder-coat painted steel (woodgrain and metallic colors) • Electrostatic, powder-coat painted steel (solid colors) • Integrated adjustable levelers 	 <ul style="list-style-type: none"> • PVC thermofoil (woodgrain and metallic colors) • PVC thermofoil and electrostatic, powder-coat paint (solid colors) 	 <ul style="list-style-type: none"> • Mechanical fasteners (screws, pop rivets) • Tog-L-Loc® sheet metal joining system <p><i>Mechanical fasteners and Tog-L-Loc provide reliable strength.</i></p>	 <ul style="list-style-type: none"> • Seamless polystyrene 	 <ul style="list-style-type: none"> • Full-extension ball bearing drawer system • Steel mounting foundation • Soft-close feature 	 <ul style="list-style-type: none"> • Integrated and insert options • Brushed nickel options • Antimicrobial option <p><i>Synthesis pull options support an aseptic environment.</i></p>
<p>MIDMARK ARTIZAN® EXPRESSIONS CABINETRY</p> <p>Industrial-grade strength prolongs durability.</p>	 <ul style="list-style-type: none"> • 3/4" industrial-grade particle board • Customizable design that can be configured to specific requirements 	 <ul style="list-style-type: none"> • Industrial-grade particle board • 3/4" panels 	 <ul style="list-style-type: none"> • Seamless stainless steel • Integrated adjustable levelers 	 <ul style="list-style-type: none"> • Factory pre-applied, thermally fused melamine • 3 mm PVC edgebanding 	 <ul style="list-style-type: none"> • 100% glue-dowel assembly <p><i>Glue-dowel assembly adds strength to the frame.</i></p>	 <ul style="list-style-type: none"> • Wood bottom and backs using factory, pre-applied thermally fused melamine • Metal slides with front panel adjustment and removal feature 	 <ul style="list-style-type: none"> • Full-extension ball bearing drawer system • Soft-close feature 	 <ul style="list-style-type: none"> • Brushed nickel <p><i>Brushed nickel pulls are easy to clean for better asepsis.</i></p>
<p>CONSUMER-GRADE CABINETRY*</p> <p>Millwork options are not specifically designed to endure the clinical dental environment.</p>	 <ul style="list-style-type: none"> • 1/2" to 5/8" low-density particle board or plywood (typically) • Basic or limited design 	 <ul style="list-style-type: none"> • Low-density particle board • Plywood 	 <ul style="list-style-type: none"> • Basic plywood or particle board covered with laminate • Wood shims for leveling 	 <ul style="list-style-type: none"> • High-pressure laminate – Not always properly applied – May use low-grade substrate material • Less than 2 mm edgebanding • Varnish, paint, or left unfinished 	 <ul style="list-style-type: none"> • Staple fasteners (frequently) <p><i>The staple fasteners typically used in consumer-grade millwork are unreliable for clinical-grade cabinetry.</i></p>	 <ul style="list-style-type: none"> • Insides often varnished, painted or unfinished 	 <ul style="list-style-type: none"> • Single, undermounted runner (monorail glide—typically used) • Slides common in kitchens (less durable) 	 <ul style="list-style-type: none"> • C-style shape • Plastic or aluminum <p><i>Consumer-grade millwork pulls are not made to support an aseptic clinical environment.</i></p>

See What Our Customers Are Saying

"Our speed of workflow has really increased. We're able to turn over instruments faster. We're able to get patients into rooms faster. We're able to see more patients and treat them better with our new design."

Krystal Gillis, DDS
Gillis Family Dentistry

"My team says sterilization is easier than ever and that the implementation of the new Midmark steri-center has increased efficiency and turnover time. The distinct flow and separation from dirty to clean have made an enormous impact on team confidence in sterilization protocol. There is a sense of ease that comes in knowing the instruments are kept in a sterile environment until the time of use."

Robert J Stevenson, DDS
Ann Arbor, MI

"Safety is our best marketing tool. When we designed our office, we put a large window in our sterilizing room. People asked why we wanted patients to see dirty instruments. Easy—we want them to see how effectively we practice and trust that everything is completely sterile for their safety."

Dr. Ileana T. Toro, DMD
Dr. Junot J. Franco, DMD
Village Park Advanced Cosmetic and Family Dental



Visit the Midmark Experience Center

A team of Midmark design experts are ready to help you personalize and equip your entire clinical environment from the layout of every room to each sterilizer, chair, door and drawer—down to the smallest detail. Let us help you bring your dental practice vision to life.



HOW IT'S CREATED

Check out our videos on how Synthesis and Artizan Expressions Cabinetry are made. See the quality and craftsmanship that go into each and every cabinet we produce.

midmark.com/synthesiscabinetry_creation
midmark.com/artizanexpressions_creation

DENTAL DESIGN TOOL

Our easy-to-use, life-like digital tool helps you find your individual style and visualize how your operator and sterilization space will look.

midmark.com/designtool



Designing better care.®

[midmark.com/dental](https://www.midmark.com/dental)

Sources:

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- 2 https://www.hufriedygroup.com/sites/default/files/9697_IMS-3811_Selling_Guide_1214.pdf
- 3 Shah, S.M., Merchant, A.T. & Dosman, J.A. Percutaneous injuries among dental professionals in Washington State. BMC Public Health 6, 269 (2006). <https://doi.org/10.1186/1471-2458-6-269>
- 4 <https://worksafe.public-health.uiowa.edu/pubs/bulletin/Dec-2013.html>
- 5 <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/sterilization/sterilizing-practices.html>
- 6 2016 Venni Survey, Service Technicians. Percentage based on 215 survey responses.



USGBC MEMBER CARB 93129.2 Phase 2 Compliant and TSCA Title VI Compliant

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007-10011-00 Rev G1 (7/22)

