



DENTAL

# Instrument Processing



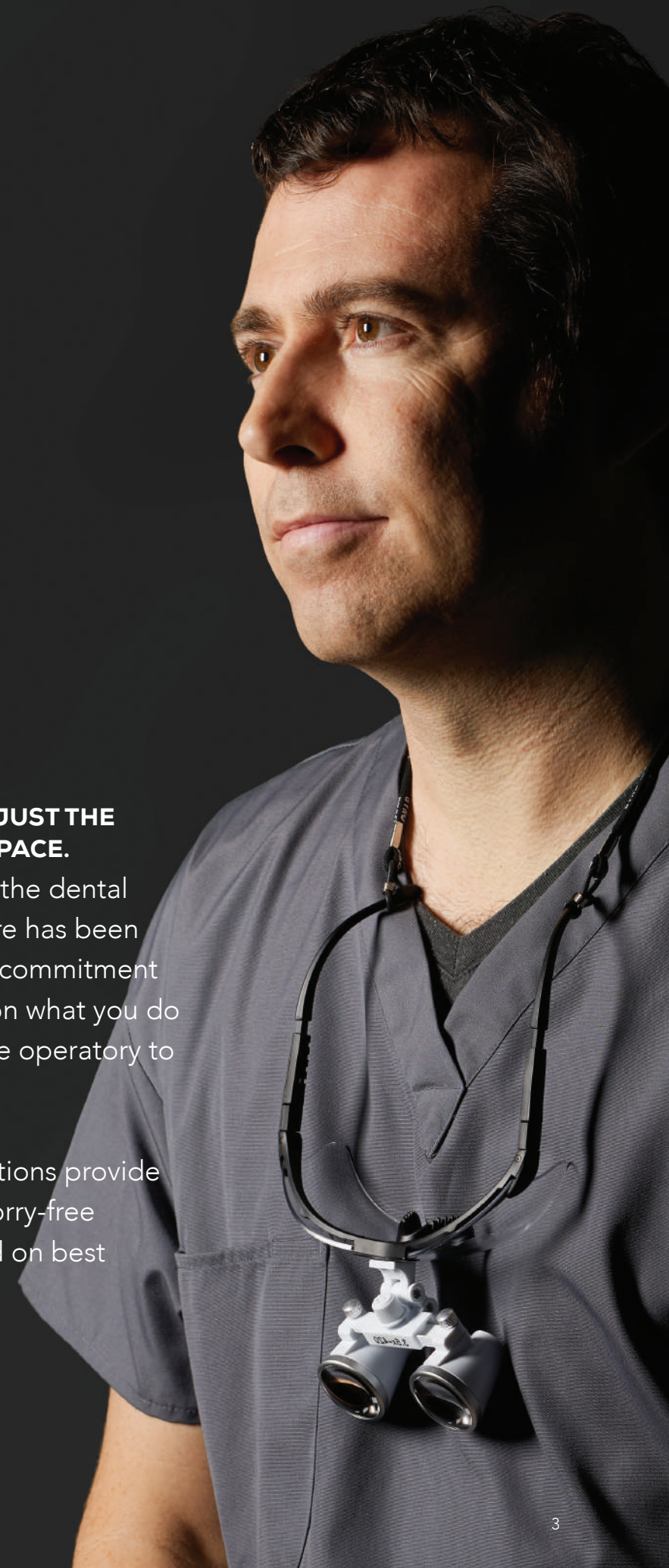
# Leading the Way in Patient Care



**WE BELIEVE DESIGN IS ABOUT NOT JUST THE SPACE, BUT THE PURPOSE OF THE SPACE.**

From the moment Midmark entered the dental industry, helping advance patient care has been our passion. Today, our number one commitment is helping you and your team focus on what you do best—care for your patients, from the operator to the mechanical room.

Midmark instrument processing solutions provide the solid foundation you need for worry-free infection prevention measures based on best practices you can trust.



# Infection Prevention Matters

Your reputation has been years in the making. Don't let one dirty instrument destroy it. The emergence of novel pathogens and a number of high profile infection control breaches have created a new urgency. Sterilization is at the heart of any effective infection control protocol, so an understanding of sterilization and instrument processing is essential for every dental practice.



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# INSTRUMENT PROCESSING ESSENTIALS

Follow instrument processing best practices established by the CDC, outlined here, to create a smooth workflow from dirty to clean. This workflow will help contain contamination and maximize the efficiency of your instrument cleaning and sterilization process.



## STEP 1

**Receiving, Cleaning and Decontaminating:** Reusable instruments, supplies and equipment should be received, cleaned and decontaminated in one section of the processing area.

## STEP 2

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

## STEP 3

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

## STEP 4

**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.

## STEP 5

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

# YOUR STERILIZATION CENTER

## STERILIZATION GOALS MAY BE UNIVERSAL, BUT YOUR PRACTICE IS UNIQUE.

It's one thing to know the best practices in sterilization and instrument processing, but the particular needs and considerations of your own practice can make implementing them a challenge.

Are you focused on getting more done in less time? Managing large teams? Working within space constraints? Simplifying compliance? Or maximizing patient comfort? We have solutions to help you achieve your goals.

Let us help you turn your sterilization center into your best marketing tool. Our stylish cabinetry options and layout concepts will make exactly the impression on your patients you desire—professionalism, expertise and style. It's time to turn your instrument processing area into a showcase of efficiency, and let it speak for you every time a patient passes by.

## FROM OUR CUSTOMER

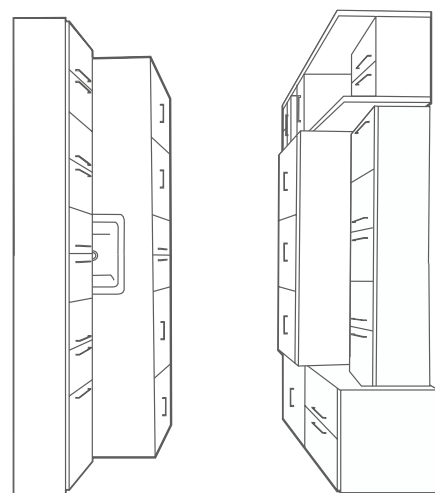
*"My staff says sterilization is easier than ever and that the implementation of the new Midmark steri-center has increased efficiency and turnover time. The distinct flow and separation from dirty to clean have made an enormous impact on staff confidence in sterilization protocol. There is a sense of 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



# Every Minute Counts

Consider the many ways space and workflow design will drive efficiencies in your instrument processing center. Midmark designers are ready to help you reduce bottlenecks and optimize equipment placement to ensure you are ready to meet the unique demands of your practice.



Galley Layout (overhead view)



## EFFICIENCIES WHERE YOU NEED THEM

- 01** With additional upper-cabinet storage, you can keep your instrument processing area clean and organized.
- 02** Built-in pantry storage makes locating instruments simple with glass-paneled doors. The durable steel construction and asepsis-supportive design of our Synthesis® Cabinetry stand up to the challenges of a sterilization-center environment.
- 03** A hands-free gooseneck faucet minimizes surface contamination when cleaning or rinsing instruments. The high arc-shaped spout provides height to clean large items. A pull-out wand provides the maneuverability for cleaning or rinsing.
- 04** VistaCool™ provides direct-to-drain elimination of sterilizer wastewater, so your staff no longer has to deal with condensate bottles and tanks.

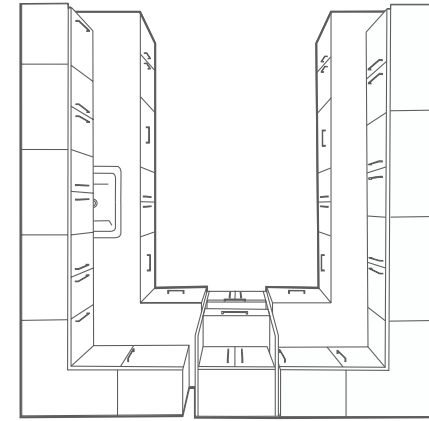


**GALLEY LAYOUT**  
A galley layout keeps traffic flowing with entry and exit from both ends for maximum access to workspaces with fewer steps.

# Big Team Practice

Is your practice a large, high-volume model of efficiency? Your instrument processing area must be optimized to match your patient turnover, with every aspect finely tuned to help your staff achieve the excellence you expect.

We can help you make smart, sustainable choices in your sterilization center to ensure safety and compliance while maximizing efficiencies. Rely on Midmark ultrasonic cleaners, sterilizers and cabinetry for clockwork functionality and streamlined workflow so you can keep your focus on your patients.



U-Shaped Layout (overhead view)



## SOLUTIONS THAT HELP YOU GET THE MOST OUT OF YOUR INVESTMENT

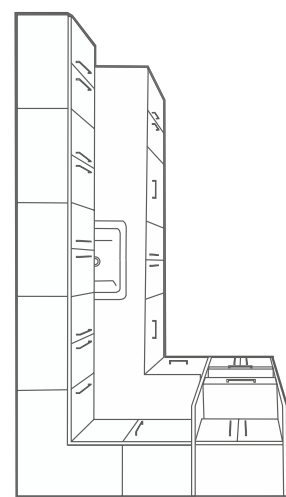
- 01** Ample countertop space allows easy separation of dirty and clean instruments during processing. Your staff will feel confident and comfortable as they have room to do their jobs properly.
- 02** Choose your sterilizer capacity based on the size of your dental facility. You can choose from three models with different capacities, including a small-capacity, faster-cycle sterilizer.
- 03** Staff can work at peak efficiency using the QuickClean® Ultrasonic Cleaner for thorough cleaning every time, which is a critical step before sterilization.
- 04** Additional work space can incorporate pass-through cabinets that improve efficiencies by allowing your staff to access instruments from both sides.



**U-SHAPED LAYOUT**  
A U-shaped layout accommodates multiple sterilizers with ease and gives your staff the space they need to prepare and package instruments.

# Small Spaces, Big Ideas

For those limited or hard-to-fit places, Midmark can help design a workspace layout that encompasses all of the essential steps in instrument processing. Don't let space constraints compromise your standards or limit your productivity.



L-Shaped Layout (overhead view)



## SOLUTIONS THAT MAKE THE MOST OF YOUR LIMITED SPACE

- 01** A sterilization tower allows stacking of sterilizers to free up counter space.
- 02** Decentralized storage takes up less room in the sterilization center so your one-direction workflow doesn't have to be interrupted even if the space is limited.
- 03** A pull-out wrap drawer can be located under the sterilizer as a space-saving solution for instrument wrapping, allowing wrapping and loading in the same space.
- 04** Maximize space with sturdy, full-extension slides designed to help you use all available drawer space, including hard-to-reach spaces in the back.
- 05** The Midmark® M3 sterilizer delivers speed and efficiency in a compact space. One-handed operation allows loading and unloading without the need for extra space.

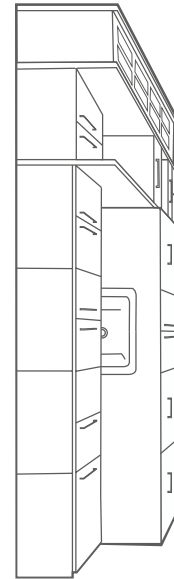


**L-SHAPED LAYOUT**  
An L-shaped layout lets you maximize the space you have without compromising efficiency or safety.

# Patient-Focused Design

The comfort and safety of every patient is important. Nothing builds trust better than a warm and inviting setting—not just in your operatory, but in your sterilization area as well.

Midmark can help you create an open, attractive space that lets your patients see your professionalism beyond the operatory. Turn your sterilization center into your best marketing tool by making it the highlight of new patient tours and the feature photo in your promotional materials. Let your patients see your commitment to protecting their health and safety.

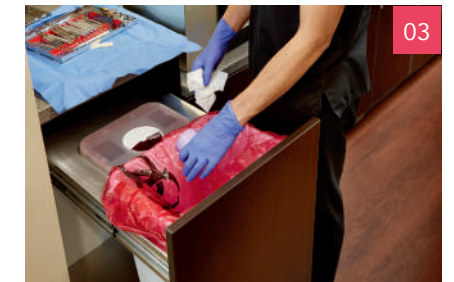


*Straight-Line Layout (overhead view)*



## SOLUTIONS THAT PUT YOUR PATIENTS AT EASE

- 01** The heavy-duty pull-out shelves in the sterilization tower cabinet provide easy access to your equipment.
- 02** Interior signal lighting in glass-door cabinets is an elegant and effective way to let the team know clean instruments are inside, ready to be used, while the clean storage pantry provides ideal storage for cassettes or pouches.
- 03** Multiple trash-drop options minimize cross-contamination and help your staff maintain a professional appearance in your sterilization center, keeping the dirty side of your workflow clean and neat at all times.
- 04** Red-tinted windows serve as a patient-friendly indicator that dirty instruments are waiting to be cleaned.



**STRAIGHT-LINE LAYOUT**  
An open design layout creates an inviting space, showing your patients you take pride in every detail.

# Create Your Space

Planning a new sterilization center or equipping an existing room can be more effective when you have a plan in place that considers your space, patient volume and growth needs.

## FIRST THINGS FIRST

Grab a pen and answer these initial questions:

1. What is the project?
  - New construction of an office
  - Remodel of an existing office
  - Remodel of a sterilization area with no structural changes
  - Remodel of a sterilization area with structural changes

2. What is your daily patient volume?

	Hygienist	Dentist	Total
Average	_____	_____	_____
Maximum	_____	_____	_____
Goal	_____	_____	_____

3. Total number of operatories? \_\_\_\_\_

4. Based on the examples on pages 10–17, what design would work best in your instrument processing area?

- Galley
- L-shaped
- U-shaped
- Straight-Line

5. Would you like to showcase your instrument processing area to your patients?
  - Yes
  - No

6. Do or will you have a dedicated instrument or sterilization staff member?
  - Yes
  - No
  - Sometimes

7. What is the maximum number of staff members who might use the instrument processing area at the same time? \_\_\_\_\_

8. How would you describe your most critical space limitation?
   
\_\_\_\_\_
   
\_\_\_\_\_
   
\_\_\_\_\_

## DESIGN RECOMMENDATIONS:

1. Divide your instrument processing area into sections for: 1) receiving, cleaning, and decontaminating; 2) preparing and packaging; 3) sterilizing; 4) monitoring; and 5) storing.
2. Create one-direction flow in the space that moves from dirty to clean to sterile to storage.
3. Anticipate the volume of patients you want to serve and design the space to meet or exceed it.

## A LITTLE MORE DETAIL

1. Do you use cassettes or trays in your sterilizer?
  - Cassettes only
  - Trays only
  - Combination of trays and cassettes
2. If using trays only, do you anticipate moving to cassettes in the future?  Yes  No
3. What method of instrument cleaning do you use?
  - Manual instrument cleaning
  - Ultrasonic cleaner
  - Washer-disinfector
4. Will you be using a water purification system to support your instrument processing equipment?  Yes  No

## NEXT STEPS

Now go back through the designs on pages 10–17. Mark the features and styles that appeal to you. What do you like about them?

1. Every Minute Counts/Galley Layout

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2. Big Team Practice/U-Shaped Layout

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3. Small Spaces, Big Ideas/L-Shaped Layout

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4. Patient-Focused Design/Straight-Line Layout

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## EQUIPMENT CONSIDERATIONS

	Ultrasonic	Sterilizers
1 Doctor/1 Hygienist	3 gallon	1 chamber autoclave—11" or greater
1 Doctor/2–3 Hygienists	3–6 gallon	2 chamber autoclaves—1, 11" or greater + 1 cassette-style sterilizer or 2, 11" or greater
2 Doctors/2–4 Hygienists	3–6 gallon	2 chamber autoclaves—1, 11" or greater + 1 cassette-style sterilizer
3 Doctors/3–5 Hygienists	6 gallon	3 chamber autoclaves—2, 11" or greater + 1 cassette-style sterilizer

# Configure Your Space

From receiving to storage, your instrument processing space needs to work for you. These layout options are designed to follow the 5-step best practices in instrument processing while giving you the options your practice demands.

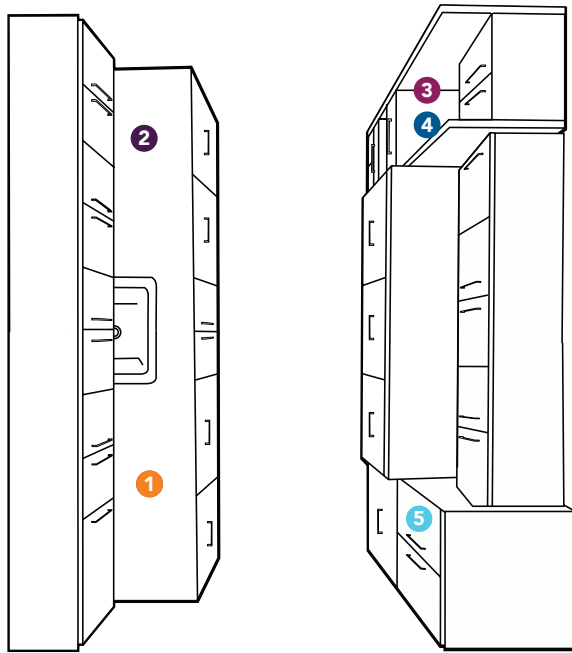
**STEP 1**  
RECEIVING, CLEANING  
AND DECONTAMINATING

**STEP 2**  
PREPARING + PACKAGING

**STEP 3**  
STERILIZING

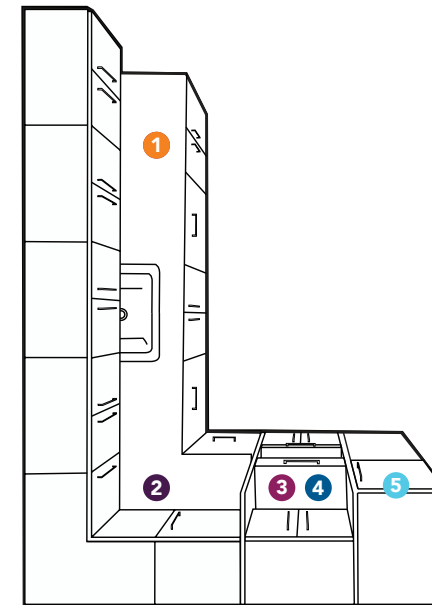
**STEP 4**  
MONITORING/ASSURING  
STERILITY

**STEP 5**  
STORING



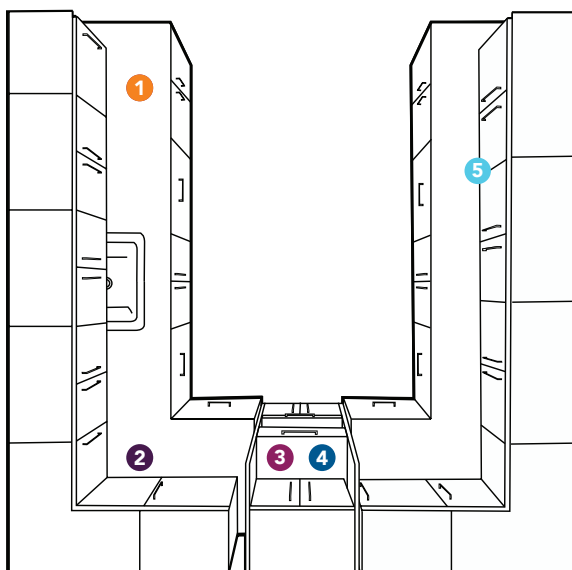
## GALLEY

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



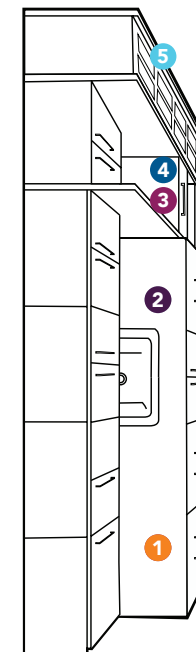
## L-SHAPED

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.



## U-SHAPED

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



## STRAIGHT-LINE

Perfectly suited to the 5-step flow that is instrument processing, a straight-line workspace design is the picture of efficiency. Use it to maximize efficiency, and let it create an open and impressive visual for patients passing by.

# Products and Solutions

94% of dental service technicians would recommend a Midmark sterilizer.<sup>1</sup>

<sup>1</sup>2016 Vennli Survey, Service Technicians. Percentage based on 215 survey responses.

*"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."*

**Charlie Lenart**  
Field Service Technician

# The Critical First Step

## QUICKCLEAN® ULTRASONIC CLEANERS

Providing powerful, effective cleaning and consistent results, the QuickClean Ultrasonic Cleaner eliminates microscopic and hard-to-see residues manual cleaning may miss. If an instrument is not properly cleaned before being sterilized, the sterilization process can be compromised and rendered ineffective. The advanced technology of the QuickClean 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.



01



02



03

**01** Choose the option that best fits your space configuration and workflow needs. QuickClean comes in three tabletop sizes—1.2, 3.3 and 6.6 gallons.

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

**03** The stainless steel finish and attractive design coordinate well with any décor.

# Standard Features

## SIMPLE OPERATION AND POWERFUL TECHNOLOGY

QuickClean® is easy to use right out of the box, so your staff can be up and running with minimal training. Clean more thoroughly and consistently throughout the entire bath with advanced Frequency-Leap technology. QuickClean helps ensure all of your instruments are fully cleaned the first time, every time, no matter where they are placed in the basket.



Digital LCD control panel displays prompts



Options for preset or customized settings along with built-in data storage retains the previous cycle settings



Fluid sensor detects insufficient water level in the bath and alerts the operator

## ACCESSORIES AND SERVICE PARTS



### Beaker Accessories

QC1, 2-Beaker Accessory 9A612001  
 QC3/QC3R, 4-Beaker Accessory 9A613001  
 QC6/QC6R, 6-Beaker Accessory 9A614001



### Extra Safety Baskets

QC1 Safety Basket 002-10007-00  
 QC3/QC3R Safety Basket 002-10008-00  
 QC6/QC6R Safety Basket 002-10009-00



### Cleaning Solutions

Midmark General Purpose Cleaner (32 oz) 9A296001  
 Midmark Tartar and Stain Remover (32 oz) 9A297001  
 Midmark Enzymatic Cleaner (32 oz) 9A298001

## QUICKCLEAN MODELS

	QC1-01	QC3-01	QC3R-01	QC6-01	QC6R-01
Type of Unit	Table Top Unit	Table Top Unit	Recessed Unit	Table Top Unit	Recessed Unit
Capacity	1.2 gal/4.5 L	3.3 gal/12.5 L	3.3 gal/12.5 L	6.6 gal/25 L	6.6 gal/25 L
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)	15.55" L x 14.37" W (39.5 cm x 36.5 cm)	21.6" L x 16.5" W x 14.3" H (55 cm x 42 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)	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)	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	61 dB	69 dB	66 dB

# Absolutely Sterile

## MIDMARK® M3, M9, M11 STEAM STERILIZERS

No dental practitioner can afford to take chances with sterilizer performance. Buy with confidence from Midmark, the market leader in sterilizers. Our sterilizers are designed to be safe, dependable and easy to use, with every one of our sterilizers inspected and ASME-certified by a third-party-licensed inspector. All of our sterilizers are designed, manufactured and supported in the US with over 100 years of manufacturing experience built into each unit.

### 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 if the door isn't closed completely or the water level is low, and alert the operator to take proper action.

Model/Order No.	M3	M9	M11
Overall length with plug	22" (55.9 cm)	20.38" (51.8 cm)	23.8" (60.5 cm)
Overall width	17.8" (45.2 cm)	15.3" (38.9 cm)	17.8" (45.2 cm)
Overall height with printer	6.9" (17.5 cm)	16.1" (40.9 cm)	18.1" (50.0 cm)
Minimum countertop area	24" (61 cm) D x 22" (55.9 cm) W	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	12.1" L x 7.6" W x 1.6" H (30.7 cm x 19.3 cm x 4.1 cm) 0.49 gal (1.8 liters) usable volume	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	11.75" L x 7.25" W x 1" H (29.8 cm x 18.4 cm x 2.5 cm) Holds the Hu-Friedy™ Signa-Stat Cassette (6.5" x 10.5" x 1.25")	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)	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)
Unit weight	71 lb (32.2 kg)	73 lb (33.1 kg)	99 lb (44.9 kg)
Shipping weight	80 lb (36.3 kg)	81 lb (36.7 kg)	131 lb (59.4 kg)
Water reservoir capacity	1.2 gal (4.5 liters)	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	See midmark.com/IP for details



Midmark M3, M9, M11 Steam Sterilizers  
Sterilizer Data Logger can be included at time of purchase

## WHY EASE OF USE MATTERS

**Safety Comes First:** Simple operation can make it easy for staff to do the right thing every time, minimizing breaks in safety protocols and simplifying compliance.

**Efficiency Wins the Day:** When you need it now, turn to the Midmark M3 for the rapid cycle time your busy schedule often demands. Utilize the M11 for maximum capacity to handle your patient flow.

**Durability Keeps You Running:** Less intuitive sterilizers can wear out from incorrect usage, but Midmark equipment makes it easier to do the right thing every time and is built for years of reliable service.

# MAXIMIZING SAFETY AND EFFICIENCY

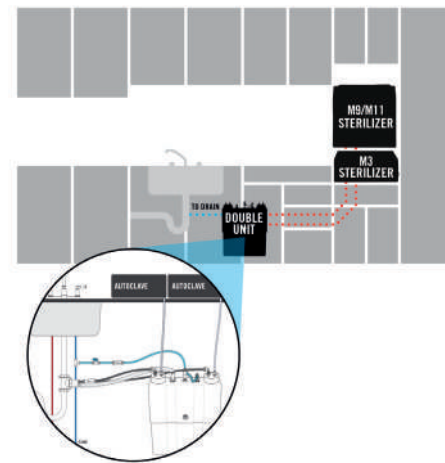
## UNBEATABLE QUALITY AND SIMPLE MAINTENANCE



**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



**Single VistaCool unit 9A586001**  
Designed to be compatible with the Midmark M3 sterilizer

**Double VistaCool unit 9A586002**  
Designed to be compatible with both the Midmark M9 and M11 sterilizers

Kiss your condensate tanks good-bye. The VistaCool direct-to-drain sterilizer wastewater elimination system makes labor-intensive condensate tanks unnecessary, freeing your staff to spend more time chairside and less time tending to equipment.

# STERILIZER ACCESSORIES

Choose accessories to tailor your equipment to the particular demands of your practice

## ACCESSORIES FOR M9 AND M11 STERILIZERS



**Sterilizer Data Logger 9A682001**  
Electronically records to USB device critical sterilizer cycle data such as time, date, temperature, pressure and operator identity.



**M9/M11 Printer 9A599001**  
Records and prints critical sterilization cycle data including time, temperature and pressure



**Cool Hand Tool 9A307001**  
Designed to help reduce the risk of staff injury by making it safer and simpler to load and unload your sterilizer

## ACCESSORIES FOR M9 AND M11 STERILIZERS (continued)

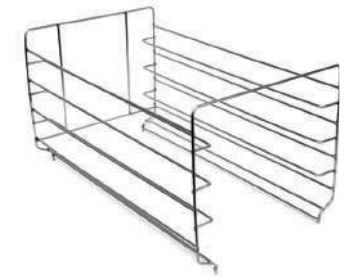


**Pouch Rack, 6 Slot 002-2108-00**  
**Pouch Rack, 5 Slot 002-2108-01**  
Separates sterilization pouches for enhanced steam circulation and drying

## ACCESSORIES FOR M11 STERILIZER



**Vertical Cassette Rack 9A215002**  
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 9A215001**  
Holds up to four 8" x 11" cassettes plus four 3" x 8" cassettes together or twelve 4.5" x 8" cassettes

## ACCESSORIES FOR THE MIDMARK M3 STERILIZER



**Top Cover Protector 9A404001**  
Shields the Midmark M3 from scratches or damages

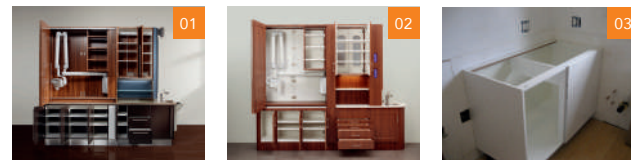


**Midmark M3 Printer 9A401001**  
Records and prints critical sterilization cycle data including time, temperature and pressure

# Midmark Cabinets vs. Local Millwork

Why Midmark? We can think of many reasons. Midmark Artizan® Expressions and Synthesis® Cabinetry lines are carefully designed and constructed with dentists in mind. We know the functional features you appreciate, such as full-extension drawers and aseptic surfaces that are easy to clean and maintain. We understand wanting to support the shop down the road, but local millwork alternatives are unlikely to match Midmark cabinetry solutions for quality, durability and longevity, creating clinical spaces you will be proud to have your patients see for years to come.

## CABINET FRAME



### 01 Artizan Expressions

- 3/4" industrial-grade particle board
- Can be configured to specific design requirements

### 02 Synthesis Cabinetry

- 18-gauge cold-rolled steel
- Modular design

### 03 Local Millwork

- Often made from 1/2" to 5/8" low-density particle board or various types of plywood
- Basic or limited designs

## PANEL SUBSTRATES



### 01 Artizan Expressions

- Industrial-grade particle board
- 3/4" panels

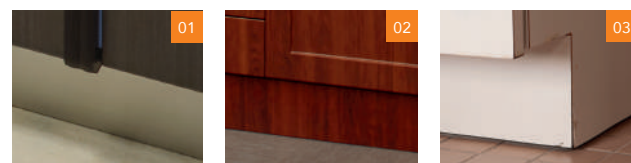
### 02 Synthesis Cabinetry

- Medium-density fiberboard
- 3/4" panels

### 03 Local Millwork

- Low-density particle board
- Various types of plywood

## BASE MATERIAL



### 01 Artizan Expressions

- Seamless stainless steel
- Integrated adjustable levelers

### 02 Synthesis Cabinetry

- Thermofoil over electrostatic, powder-coated painted steel (woodgrain and metallic colors)
- Electrostatic, powder-coated painted steel (solid colors)
- Integrated adjustable levelers

### 03 Local Millwork

- Basic plywood or particle board covered with laminate
- Wood shims used for leveling

## FINISHES



### 01 Artizan Expressions

- Factory pre-applied, thermally fused melamine
- 3 mm PVC edgebanding

### 02 Synthesis Cabinetry

- PVC thermofoil (woodgrain and metallic colors)
- PVC thermofoil and electrostatic, powder-coated paint (solid colors)

### 03 Local Millwork

- High-pressure laminate
  - Do not always follow proper application methods
  - May use low-grade substrate material
  - Less than 2 mm edgebanding
- Varnished, painted or left unfinished

## TYPES OF ASSEMBLY



### 01 Artizan Expressions

- 100% glue dowel assembly

### 02 Synthesis Cabinetry

- Mechanical fasteners (screws, pop rivets) and Tog-L-Loc® sheet metal joining system

### 03 Local Millwork

- Frequently use staple fasteners

## DRAWERS



### 01 Artizan Expressions

- Wood bottom and backs with factory, pre-applied thermally fused melamine
- Metal sides with front panel adjustment and removal feature

### 02 Synthesis Cabinetry

- Seamless, polystyrene drawers

### 03 Local Millwork

- Inside drawers are often varnished, painted or left unfinished

## DRAWER SLIDES



### 01 Artizan Expressions

- Full extension ball-bearing drawer system
- Soft-close feature

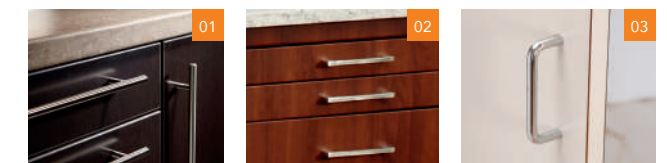
### 02 Synthesis Cabinetry

- Full extension ball-bearing drawer system
- Secured to steel foundation
- Soft-close feature

### 03 Local Millwork

- Typically use a single, undermounted runner (monorail glide) or slides common in kitchens (less durable)

## HANDLES



### 01 Artizan Expressions

- Brushed nickel handles

### 02 Synthesis Cabinetry

- Integrated and insert handle option
- Brushed nickel pull options
- Antimicrobial option

### 03 Local Millwork

- Most use "C" style pulls made of plastic or aluminum

*Fabrication of local cabinets may vary. However, materials depicted are typical in local millwork cabinetry.*

# Synthesis® Sterilization Center Highlights

Aligned with the LEED Green Building Rating System, the steel frame of Synthesis Cabinetry provides the durable structure and aseptic design required for long product life, even in the harsh and demanding environment of a sterilization center. Its internal and external modularity allows for easy modification and component replacement as office needs evolve.



Gooseneck faucet



Plexiglass-window doors with red and blue options



Seamless polystyrene drawers and seamless panels



Concealed steel hinges



Full-extension ball-bearing glides



Solid-surface countertops



Drawer dividers



Steel-frame construction

# Synthesis Color and Style Options

Synthesis Cabinetry offers different color and styling options to allow you to put your unique signature on a space, whether it is in one office or a multi-facility organization.

## HANDLE STYLES



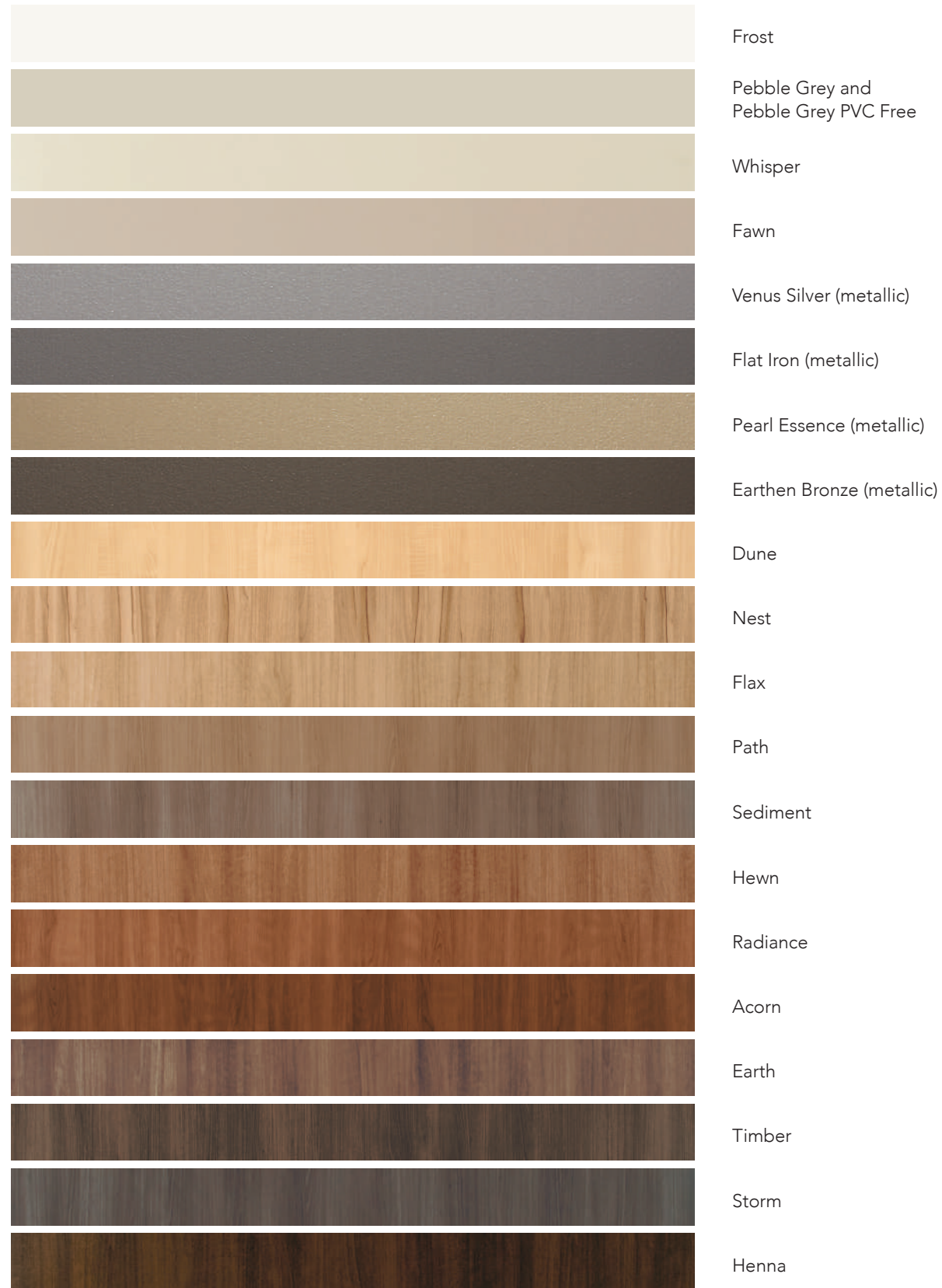
## PANEL STYLES



\*EPA Registration Numbers 84542-7 and 087753-CT-001  
 \*\*Available in Pebble Grey or Pebble Grey PVC Free only

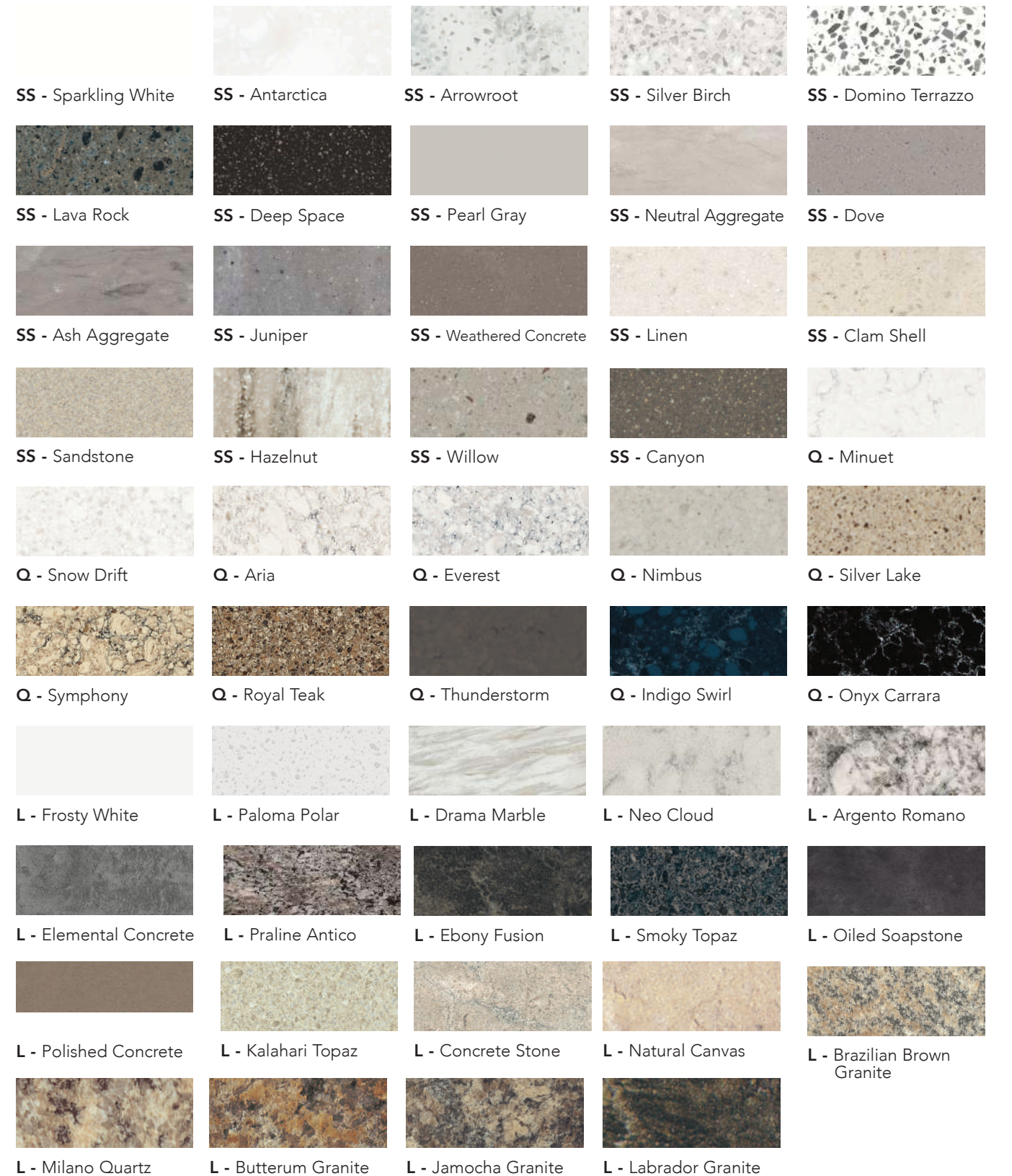
### CABINET FINISHES

Membrane-pressed thermofoils seal the Synthesis MDF door and drawer panels. A special process is used to adhere the thermofoil to the steel structure in woodgrain and metallic colors. Solid colors have a matching painted structure. Thermofoil is a dimensionally flexible material that provides a continuous, seamless surface, eliminating the need for panel edgework while offering a high level of scratch and stain resistance.



### 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.



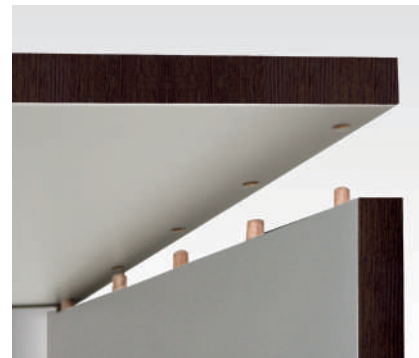
SS = Solid Surface | Q = Quartz | L = Laminate

# ARTIZAN® EXPRESSIONS STERILIZATION CENTER HIGHLIGHTS

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.



Red and blue plexiglass windows



Glue-dowel construction



Concealed Blum® soft-close steel hinges



Brushed-nickel handles and 3-mm edgebanding



Hands-free systems



Full-extension soft-close drawer systems



01



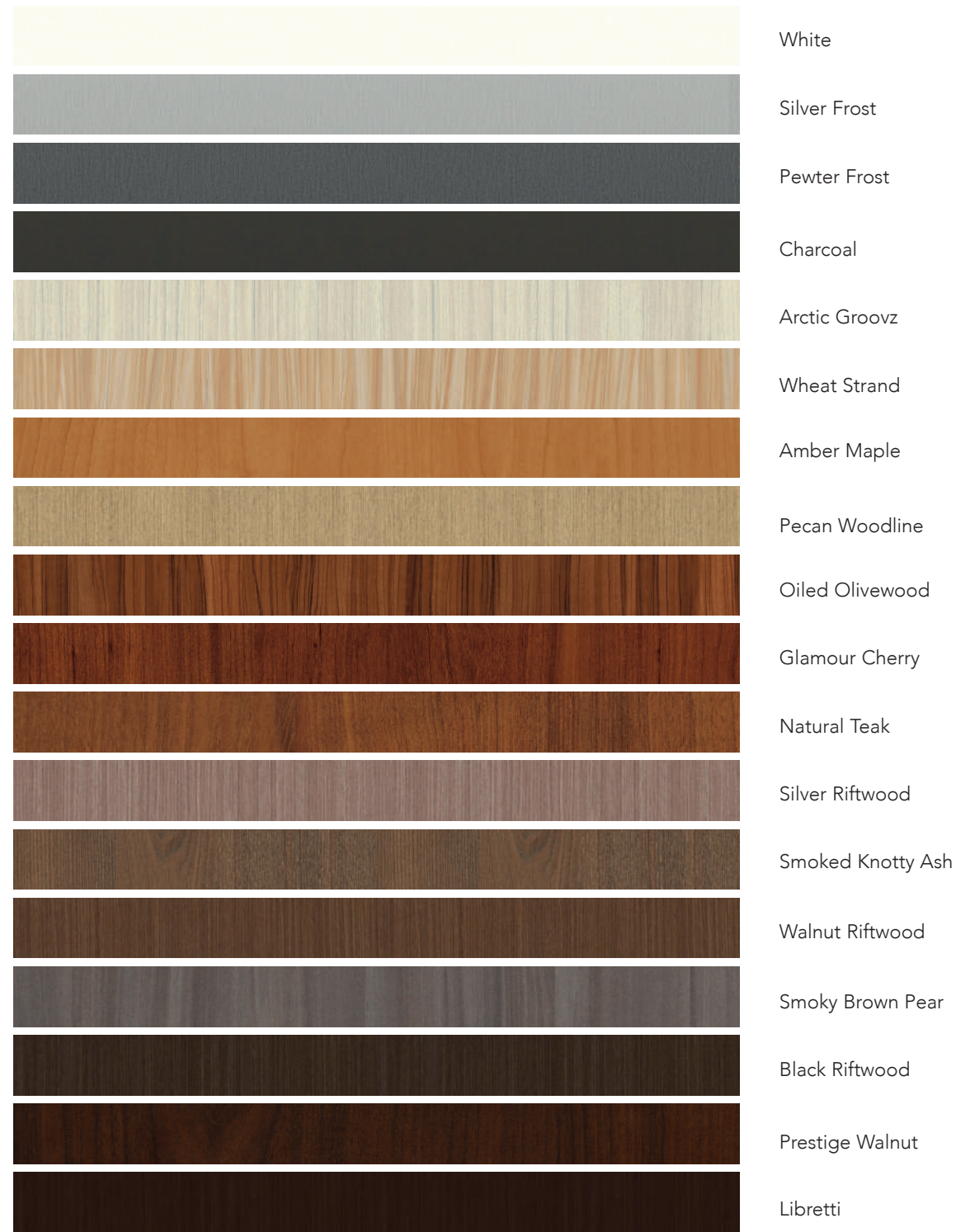
02

01 Pull-out chrome faucet and HVE collector

02 Clean-swiveling pantry tower

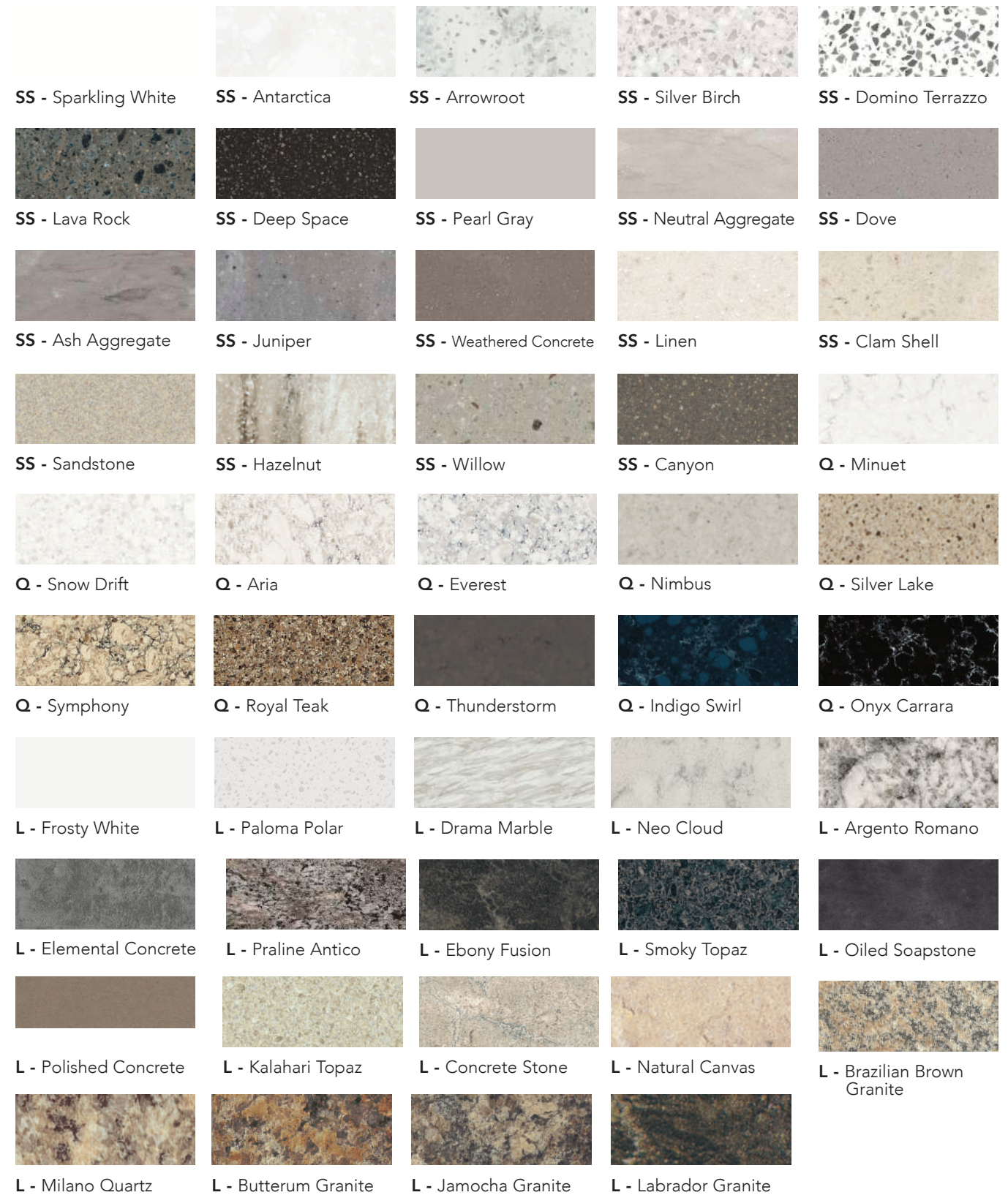
### CABINET FINISHES

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 edgebanding 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.



SS = Solid Surface | Q = Quartz | L = Laminate



# What You Get with Midmark

## DURABILITY. CRAFTSMANSHIP. PRECISION.



When you choose Midmark, you get so much more than a product. You get a partner with decades of hands-on manufacturing expertise, inspired design innovation, and landmark thought leadership in workflow efficiency. A pioneer of cabinetry designed specifically for the healthcare market since 1967, Midmark equipment and cabinetry are crafted to fit your space and the way you want to work. And with an extensive warranty and dedicated technical support, we're right by your side the moment you need us.

## SERVICE.



We stand by the quality and reliability of our Artizan Expressions and Synthesis Cabinetry lines—which is why we offer a standard five year limited warranty for both lines purchased through an authorized Midmark dealer. In addition to warranty, Midmark has a large team of expert customer experience and technical support representatives who will assist you with any product questions regarding installation and service.

## MANUFACTURING EXPERTISE.



Using the knowledge accrued during our more than 100 years of manufacturing history, Midmark continues to invest in its production systems. We've been innovating and building steam sterilizers in our Ohio facility since 1990. To support our growing cabinetry business, we have expanded the Synthesis manufacturing space by over 50,000 square feet.

We have invested in state-of-the-art machinery at our Ohio facility, as well as at our Kentucky facility where we manufacture Artizan Expressions. In all we do, our goal is to bring you the highest quality and performance in dental equipment and cabinetry.

## 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

## DESIGN SUPPORT

Whether you are building a new practice or remodeling your current instrument processing center, the prospect can be overwhelming. Midmark has in-house design experts ready to help every step of the way, including partnering with your preferred dealer to work with existing floorplans and designs. With our deep knowledge of the dental workspace and keen eye for style, we will help create the right look and layout of your dream clinical space.

We can help you choose from a variety of designs, configurations and styles and tailor them to your instrument processing needs and specifications. We offer both instrument processing equipment and cabinetry integrated together to create an attractive, efficient space built to withstand the rigors of your dental environment and ready to meet your needs now and into the future.

## RESOURCES



### HOW IT'S CREATED

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

[midmark.com/artizanexpressions\\_creation](https://midmark.com/artizanexpressions_creation)

[midmark.com/synthesiscasework\\_creation](https://midmark.com/synthesiscasework_creation)



### DENTAL DESIGN TOOL

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

[apps.midmark.com/dental-design-tool](https://apps.midmark.com/dental-design-tool)



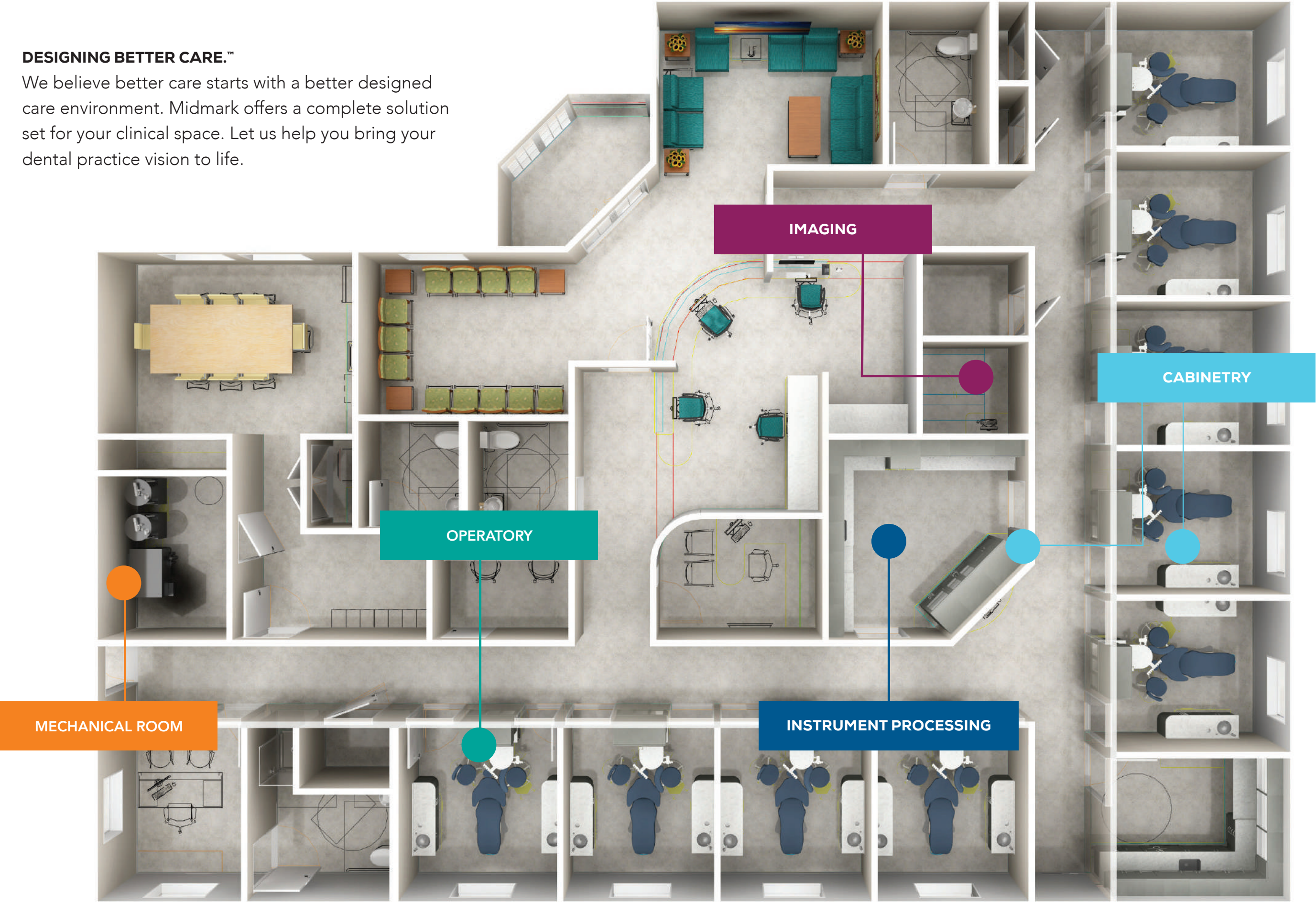
### WEBSITE

For more information, visit our website. Select "Contact a Sales Rep" to ask about our complete line of specialized cabinetry for your sterilization center.

[midmark.com/cabinetry](https://midmark.com/cabinetry)

**DESIGNING BETTER CARE.™**

We believe better care starts with a better designed care environment. Midmark offers a complete solution set for your clinical space. Let us help you bring your dental practice vision to life.





Designing better care.™

Arauco is a registered trademark owned by Celulosa Arauco y Constitución S.A.  
Formica is a registered trademark owned by The Diller Company.  
VistaCool is a trademark owned by Vista Research Group, LLC.  
Tog-L-Loc is a registered trademark owned by BTM Company, LLC.  
Blum is a registered trademark owned by Julius Blum GmbH.



CARB 93120.2 Phase 2 Compliant and TSCA Title VI Compliant

The color examples shown are the best representation of the original material. Actual color may vary slightly. We strongly recommend that you contact Midmark Customer Experience at 1.800.MIDMARK to request a sample before placing your order.

Midmark is an ISO 13485 and ISO 9001 Certified Company. Certain products are not included. See the complete list at: [midmark.com/ISO](http://midmark.com/ISO)

For more information, contact your Midmark dealer or call: 1.800.MIDMARK  
Outside the USA, call: 1.937.526.3662 or visit our website: [midmark.com](http://midmark.com)

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007-10011-00 Rev. E1 (9/20)

