



Compare Quality

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

NOTE: Fabrication of local cabinets may vary. However, materials depicted are typical in consumer-grade cabinetry.



Choose Cabinetry Designed for Dentistry

Midmark offers two collections of clinical-grade cabinetry—Synthesis® and Artizan® Expressions—specifically designed for the rigors of the healthcare environment and crafted to fit your space, style and workflow.



Midmark Clinical-Grade Cabinetry

The Midmark Synthesis® and Artizan® Expressions 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 moisture and constant use in the operatory and instrument processing environments to provide a lifetime of usability.

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

NOTE: Most consumer-grade 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 a dental practice.



Unrivaled Durability. Distinctive Design.

Both Midmark Synthesis® and Artizan® Expressions cabinetry collections offer multiple solutions to meet your requirements for ergonomic workflow, infection control, technology integration and unique storage.

- A PVC Thermofoil Finish
- B Resin Finish (optional)
- C Upholstery Accent
- D Integrated Electrical Outlets
- E Solid Surface Countertops
- F Thermally Fused Melamine Finish
- G Stainless Steel Base



Cabinet Frame

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

Clinical-grade cabinetry utilizes a strong, durable frame that can withstand the demands of the healthcare environment. This cabinetry is built to encase many components with stability. Multiple configurations are available to meet specific design requirements, and a modular design allows for future integration of new storage options.

SYNTHESIS®



- 18-gauge cold-rolled steel
- Modular design
- Flexible passthrough options for intraoral X-ray solutions

ARTIZAN® EXPRESSIONS



- 3/4" industrial-grade particle board
- Customizable design that can be configured to specific design requirements
- Flexible passthrough options for intraoral X-ray solutions

CONSUMER-GRADE



- 1/2" to 5/8" low-density particle board or plywood (typically)
- Basic or limited designs

Base Material

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

Clinical-grade cabinetry bases are made of steel or stainless steel that is strong enough to provide sufficient support to the cabinet. The base also incorporates adjustable levelers to level cabinets on uneven floors. **Consumer-grade cabinetry** often uses basic plywood or particle board bases with laminate covering that can delaminate and swell over time. **Consumer-grade cabinetry** may also use wood shims for leveling. Wood shims should be limited as they can decompose, providing insufficient support.

SYNTHESIS®



- Steel with thermofoil and electrostatic powder-coat paint finishes
- Integrated adjustable levelers

ARTIZAN® EXPRESSIONS



- Seamless stainless steel
- Integrated adjustable levelers

CONSUMER-GRADE



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

Panel Substrates

KEY:

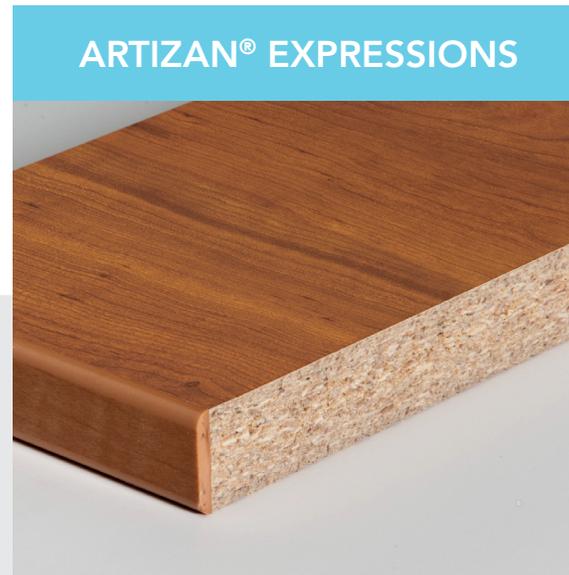
■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

A substrate is the core material of a cabinet's paneling. **Clinical-grade cabinetry** uses higher density boards for their substrates, such as industrial-grade particle board or medium-density fiberboard, because of the minimal shrinkage and expansion properties of these higher density boards. **Consumer-grade cabinetry** often uses lower density boards, which are much less stable and more prone to warping. Veneered plywood is not recommended because humidity can cause this cross-ply material to shrink and expand in various directions, resulting in the separation of the core from the finish.



- Medium-density fiberboard
- 3/4" panels



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



- Low-density particle board
- Various types of plywood

Finishes

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

In the clinical space, all exposed surfaces must be covered and sealed to prevent damage from the moisture common in the dental environment. **Clinical-grade cabinetry** uses factory-applied, thermally fused melamine, high-pressure laminate and/or thermofoil (vinyl), which offer the best resistance to wear, staining and moisture. The paints and varnishes used in **consumer-grade cabinetry** will not stand up to the stringent agents and disinfectants used in a dental office.

SYNTHESIS®



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

ARTIZAN® EXPRESSIONS



- Factory pre-applied, thermally fused melamine

CONSUMER-GRADE



- High-pressure laminate
 - Not always properly applied
 - May use low-grade substrate material
- Varnished, painted or left unfinished

Edge Treatments

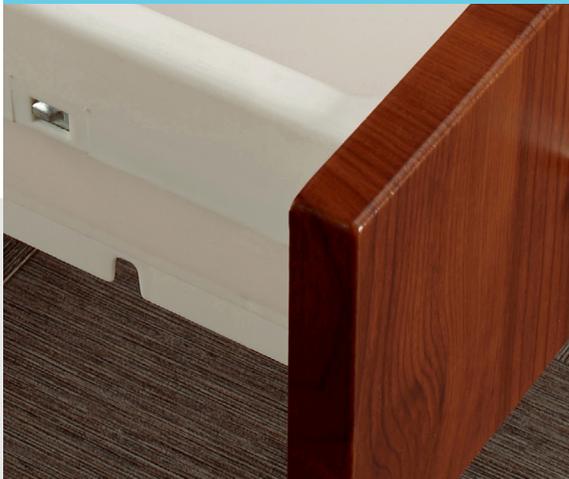
KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

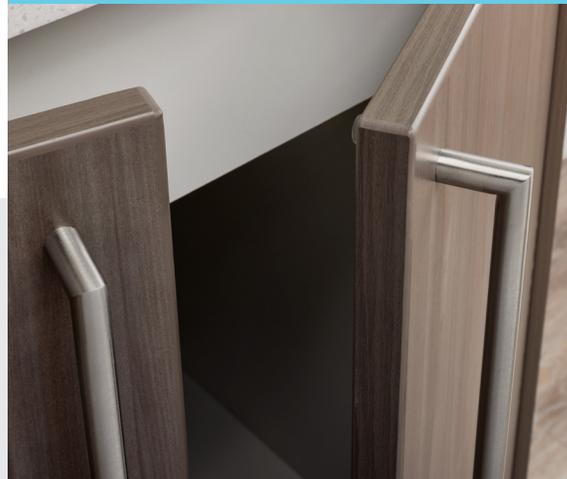
Clinical-grade cabinetry uses either a membrane-pressed thermofoil finish that wraps around the edges of the cabinet panel to seal it or a high-pressure laminate or thermally fused melamine finish with an edge treatment of 2-mm or 3-mm PVC edge banding to completely seal the panel corners. **Consumer-grade cabinetry** typically applies square-edged laminate stripping that can produce sharp, dangerous corners and, when applied with contact adhesive, delaminate over time.

SYNTHESIS®



- Membrane-pressed wrapped thermofoil

ARTIZAN® EXPRESSIONS



- 2-mm or 3-mm PVC edge banding

CONSUMER-GRADE



- Square edge strips
- 2 mm edge banding

Types of Assembly

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

The four methods for assembling cabinetry are glue dowel, mechanical, knock down and staple fasteners.

Clinical-grade cabinetry uses mechanical, knock down (like Tog-L-Loc®) and/or glue dowel fasteners to create strong, durable joints for reliable strength. **Consumer-grade cabinetry** often uses staple fasteners, which can cause weak joints, making them unreliable for the clinical environment.

SYNTHESIS®



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

ARTIZAN® EXPRESSIONS



- 100% glue dowel assembly

CONSUMER-GRADE



- Staple fasteners (typically)

Hinges

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

Clinical-grade cabinetry uses quality steel hinges to provide optimum support, and its concealed hinge mounting enables easy cleaning. **Consumer-grade cabinetry** hinges are less durable and not designed with the clinical environment in mind.

Fun Fact: Midmark hinges are engineered to be easy to adjust during install to line up doors and drawers with a simple turn of a screwdriver. These soft-close hinges can also help increase the longevity of cabinetry by preventing door slamming that can damage the cabinet box and door over time.

SYNTHESIS®



- Quality adjustable, concealed steel hinges
- Secured to steel foundation
- Soft-close feature

ARTIZAN® EXPRESSIONS



- Quality adjustable, concealed steel hinges
- Soft-close feature

CONSUMER-GRADE



- Builder-grade hinges

Drawers

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

For the dental environment, the best **clinical-grade cabinetry** drawer styles are either seamless drawers that can contain spills and be easily cleaned or metal-sided drawers and wood bottoms and backs covered with thermally fused melamine. The unfinished or varnished drawers common in **consumer-grade cabinetry** are unacceptable in this environment because they will absorb moisture and warp, or worse, become a breeding ground for bacteria and/or other potentially harmful microorganisms.

SYNTHESIS®



- Seamless, polystyrene drawers with rounded corners contain spills and simplify cleaning
- Removable drawer feature

ARTIZAN® EXPRESSIONS



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

CONSUMER-GRADE



- Often varnished, painted or unfinished interiors

Drawer Slides

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

Drawer systems must be durable to withstand the high use demands of a healthcare facility and support the weight of heavy equipment and supplies. **Clinical-grade cabinetry** uses a ball bearing system with full extension, which is a durable slide option. A soft-close drawer feature in clinical-grade cabinetry helps increase the longevity of your cabinetry and promote a calmer environment by preventing slamming drawers. **Consumer-grade cabinetry** often uses less durable single undermounted runners and kitchen-grade slides.

SYNTHESIS®



- Full-extension ball bearing drawer system
- Steel mounting foundation
- Soft-close feature

ARTIZAN® EXPRESSIONS



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

CONSUMER-GRADE



- Single undermounted runner (monorail glide—typically used)
- Slides common in kitchens (less durable)

Handles

KEY:

■ Recommended Clinical-Grade Cabinetry

■ Consumer-Grade Cabinetry

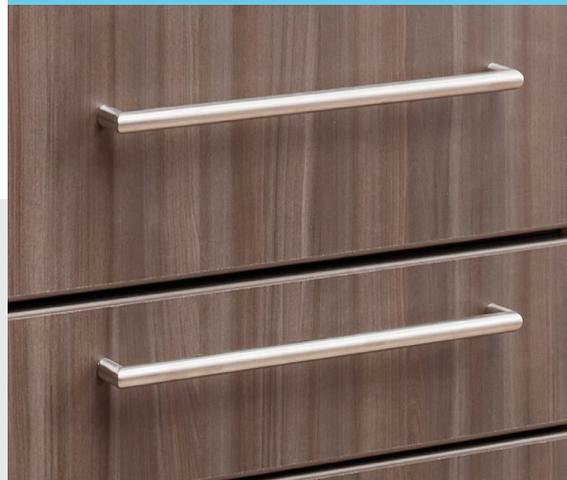
Clinical-grade cabinetry uses seamless, integrated handles or handles made of high-grade, non-corroding metals like brushed nickel or stainless steel for better asepsis and easy cleaning and disinfecting. Common **consumer-grade cabinetry** options like plastic or aluminum may stain or oxidize over time.

SYNTHESIS®



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

ARTIZAN® EXPRESSIONS



- Brushed nickel
- Antimicrobial option

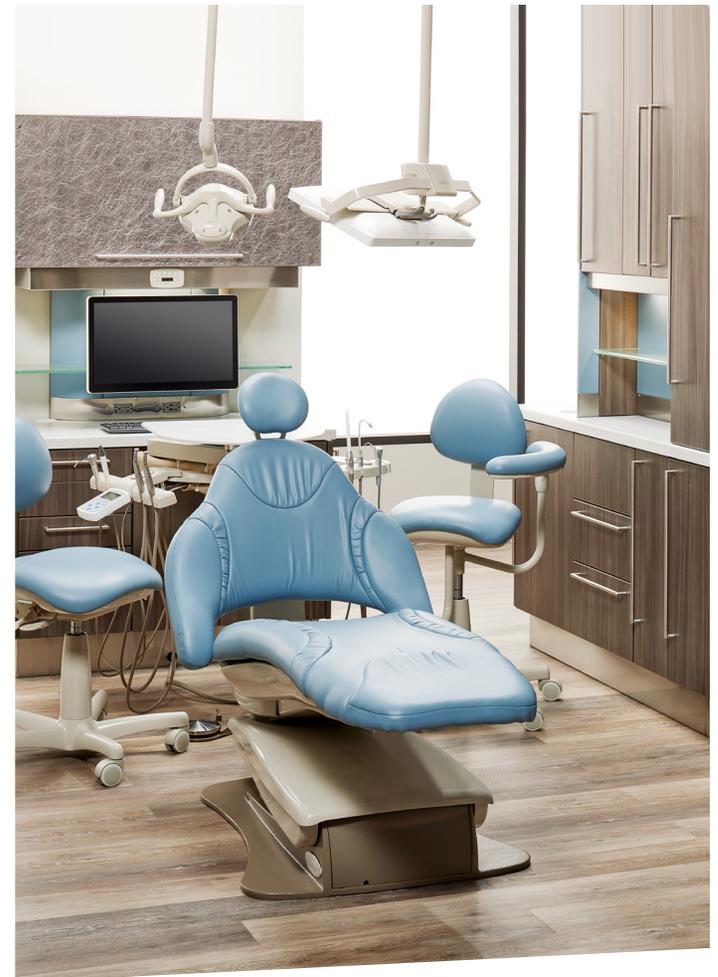
CONSUMER-GRADE



- Plastic or aluminum

Choose the Best Configuration for Your Practice

Midmark Synthesis® and Artizan® Expressions cabinetry collections offer you the choice between wall-hung or floor-based units. Floor-based units are designed to provide the most durability and storage capacity. Wall-hung configurations are designed to improve reach and visibility, maximize ergonomic storage and simplify floor cleaning. Choose the configuration that fits your team and your practice.



Find What You Need When You Need It

Midmark offers a variety of tools to help improve organization. Bins and drawer dividers contain supplies so you can easily pull what you need. Angled, gravity-fed flow-shelving creates better visibility and accessibility, even for items stored at the back of the cabinet.



Of dental hygienists in the US are female¹, and 51.4% of dental graduates in 2020 were female¹



Is the average female height in the US²

¹ <https://www.ada.org/resources/research/health-policy-institute/dental-education>
² <https://www.cdc.gov/nchs/fastats/body-measurements.htm>

What You Get with Midmark



DESIGN SUPPORT

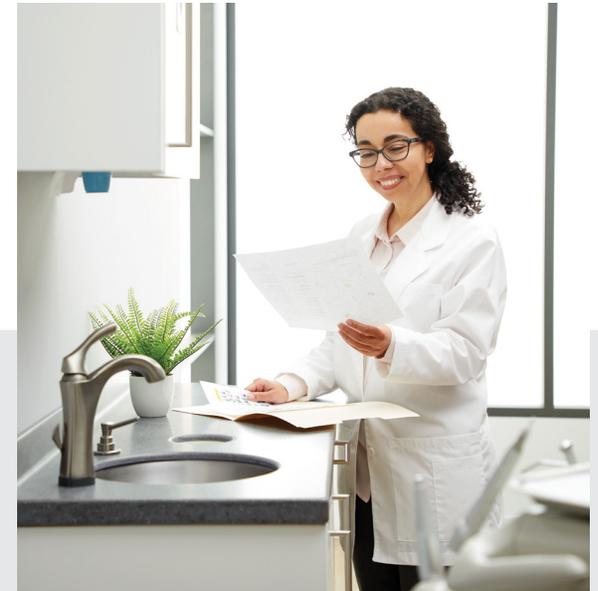
Remodeling or building a new practice can be overwhelming. Midmark in-house design experts can assist you with your project.

With a variety of designs, sizes and styles available between the Synthesis® and Artizan® Expressions cabinetry collections, we can help you create an attractive space that is functional and built to withstand the rigors of the dental environment. Go all in with one collection or mix and match our two collections to meet your needs now and into the future.



WARRANTY + SERVICE SUPPORT

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



TAX INCENTIVES

Dental cabinetry is classified as capital equipment. Therefore, it can be depreciated for deductions faster than built-in cabinets made by local cabinet makers or contractors.

(This is general income tax information and should not be construed as financial guidance or legal advice. You should consult with your tax advisor to determine what amount, if any, your practice may qualify to deduct under current tax code based upon your particular facts and circumstances.)

Resources



HOW IT'S MADE

Check out our videos on how both 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

midmark.com/synthesiscabinetry_creation



DENTAL DESIGN TOOL

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

apps.midmark.com/dental-design-tool



WEBSITE

For more information, visit our website.

midmark.com/dental/products/cabinetry



CONTACT US

Ask about our complete lines of specialized cabinetry for all your cabinetry needs.

midmark.com/contact-us/dental

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For more information, contact your Midmark dealer or call 1.800.MIDMARK. Outside the USA, call 1.937.526.3662 or visit our website at midmark.com

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Designing better care.®

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