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DENTAL

## Imaging





# Designing Better Care



**WE BELIEVE WHO'S USING OUR  
EQUIPMENT AND TECHNOLOGY IS  
EVERY BIT AS IMPORTANT AS HOW  
AND WHY IT'S BEING USED.**

Enhance your clinical outcomes with  
imaging equipment designed to be  
easy, comfortable and efficient to use  
to meet your needs and the needs  
of your patients.





# Diagnose with Confidence

## You can treat only what you can see.

Midmark® imaging solutions are designed to improve patient comfort while helping you see more, do more and provide better care. With the help of digital imaging, you can more clearly identify problems and provide accurate treatment early before those issues become serious.



► Midmark Imaging Products



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# Design for Safety

While radiation from dental imaging may be fairly low compared to everyday environmental exposures, the cumulative effects of radiation are well documented.

Help ensure your patients receive "as low as reasonably achievable" or ALARA doses of radiation in their treatments by following FDA and ADA guidelines<sup>1</sup> for categorizing each patient's specific situation, then determining the corresponding treatment and dosage. These guidelines would have you consider 3 main factors.

## USE THE RIGHT DOSE.

Consider the following 3 factors before imaging patients:

1. Type of visit (new or recall)
2. Dental status (child with primary or transitional dentition, adolescent, or adult dentulous or edentulous)
3. Risk category for caries, periodontal disease or growth, and development assessment

From there, you can determine the right dose for the patient's situation.



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in the USA.

## INTRAORAL IMAGING

For lowest dose on intraoral X-ray imaging, utilize direct digital sensors like the Midmark Intraoral Digital Sensor System with the ergonomic Preva Intraoral X-Ray. Preset technique factors are adjustable to control the right dose, utilizing the smallest focal spot of 0.4 mm to produce the sharpest images.



<sup>1</sup> See back page for details and sources



# Design for Ergonomics



Improve ergonomics with an intraoral X-ray you can position effortlessly with one hand and rely on to keep that position without drifting.

The Midmark Preva Intraoral X-Ray system is designed with multiple points of adjustment and a distinctive ergonomic handle for effortless movement and fast one-handed positioning. The factory-balanced arm mechanics and proprietary dual-arm braking system help the tubehead stay exactly where you position it without sagging or drifting.








## LET US HELP YOU DESIGN YOUR IMAGING WORKFLOW

Midmark design experts are ready to help you create a beautiful and functional space optimized for the way you work. From proper equipment sizing to layout, we'll work with you to design the best environment for your practice.



# Things to Consider

DESIGN CONSIDERATIONS				
CONSIDER	WHY THIS CONSIDERATION IS IMPORTANT	HOW TO SOLVE	MIDMARK SOLUTION	RATE IMPORTANCE <small>(scale of 1–3 where 1 is lowest and 3 is highest)</small>
 <b>State regulations</b> Will your intraoral X-ray unit meet your state's regulations?	Dental practices must meet certain standards for setting up radiographic units—specifically concerning the trigger mechanism—which differ depending on the state or region where the practice is located.	Consider an intraoral imaging unit with the flexibility to meet the regulatory requirements of any state.	Preva™ Intraoral X-Ray	
 <b>Image clarity</b> Are you missing pathology you can't see?	If you can't see a problem, you can't treat it. You need a sensor that produces ultra-clear images to be able to confidently diagnose and create treatment plans.	Consider a digital sensor system that can deliver razor-sharp images to help eliminate guesswork for better diagnoses.	Midmark Intraoral Digital Sensor System	
 <b>Durability</b> How long can your sensors support your patient load?	Overused, underequipped sensors can start to break down with consistent use. Fraying cables are dangerous and could result in unnecessarily higher radiation for patients.	Consider a sensor designed for durability with Kevlar® reinforced cables, strong medical-grade material with increased thickness on the capsule, and a cable output attachment designed with expected impacts and cable strain in mind.	Midmark Intraoral Digital Sensor System	
 <b>Worry-free positioning</b> Does your intraoral X-ray unit drift or sag after you position it?	If your intraoral X-ray head sags or drifts after positioning, it may miss the intended anatomy, causing you to have to re-radiate patients. Every re-radiation exposes patients to additional risk.	Consider an intraoral X-ray unit designed for ergonomic one-handed positioning with a proprietary drift-free braking system.	Preva Intraoral X-Ray	
 <b>Mounting options</b> What mounting options do you need for an efficient imaging workflow?	Depending on your space, workflow and operatory designs, you may want to wall-mount an X-ray unit in each operatory for easy access to a secure unit, use a mobile stand that can be shared between multiple treatment rooms, or mount your unit inside a cabinet to be shared between two rooms and securely tucked away when not in use.	Choose a solution that offers multiple arm lengths and mounting options to fit each of your operatory spaces and workflow.	Preva Intraoral X-Ray	



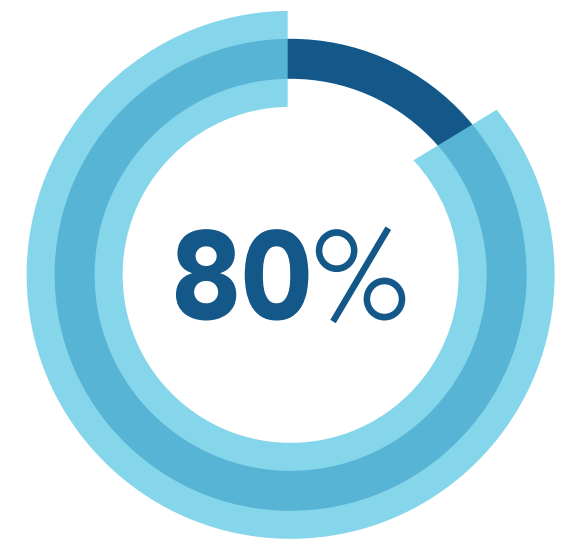
# Midmark<sup>®</sup> Products and Solutions



► Midmark Imaging Products



► Midmark Imaging Product Spec Sheets



80 percent of baby boomers have their natural teeth, keeping their teeth longer than previous generations.<sup>2</sup>



<sup>2</sup> See back page for details and sources



# Easy, Accurate Intraoral Imaging

For exceptional image quality, ease of use and radiological safety, choose Midmark® intraoral imaging solutions. Enjoy maximal flexibility and optimal clarity to support better diagnostics and patient outcomes.



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assembled + supported  
in the USA.



**PREVA INTRAORAL X-RAY**



**INTRAORAL DIGITAL SENSORS**



# Midmark® Preva™ Intraoral X-Ray

Detect dental caries, visualize tooth roots, examine developing teeth and monitor the health of bony areas around the teeth with the exceptional image quality achieved through Preva intraoral imaging. Preva units are easy to operate and provide effortless movement for efficient workflows with one-handed, drift-free positioning.



- 01** Select options to fit your space from multiple arm lengths, including 56" (142 cm), 66" (168 cm), 76" (193 cm) and 82" (208 cm), to fixed mounted or mobile units.
- A Wall Mounted:** access the unit easily from the wall and store neatly away when not in use.
- B Mobile Stand:** share one X-ray unit between multiple treatment rooms and store away when not in use.
- C Cabinet Mounted:** share one unit between two treatment rooms, securely stored inside cabinetry.
- 02** Identify issues easily and quickly with razor-sharp images.
- 03** The easy-to-use LCD control panel display with large icons helps to identify target tooth, receptor type and patient size while also offering preprogrammed technique settings.
- 04** Integrate sensor technology into your unit with the convenience of Preva 2.0 or Preva Plus.



# How Do You Choose Between Midmark® Preva™ Units?

The Midmark Preva Intraoral X-Ray is available in three models—Preva DC, Preva 2.0 and Preva Plus. These three models share many of the same features with a few distinguishing differences.



## WHAT ARE THE DIFFERENCES?



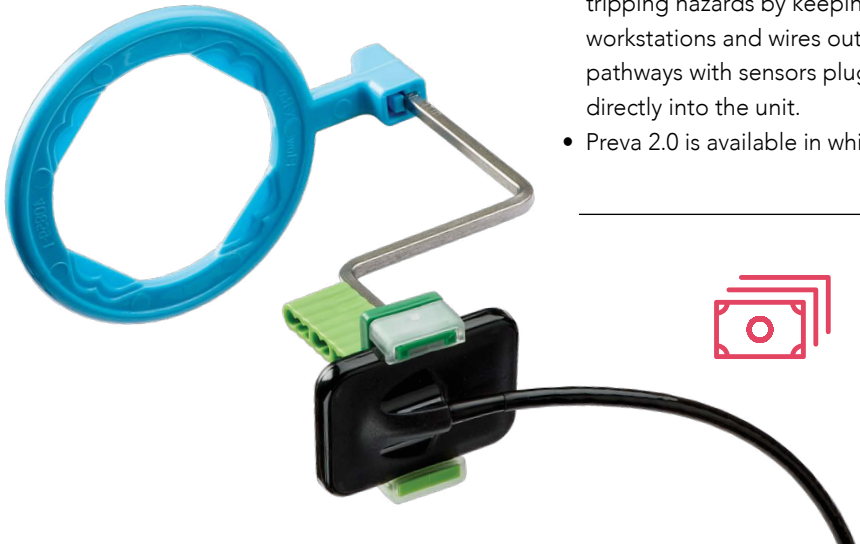
- 01 Preva DC is the base Preva unit.**
- Use Preva DC to capture images and transmit them to a sensor plugged into your workstation.
  - Preva DC is available in either white or grey.



- 02 Preva 2.0 features cabling in the arm and an integrated high-speed USB connector at the elbow so you can integrate your sensor directly into your X-ray unit.**
- Enhance workflow and reduce tripping hazards by keeping workstations and wires out of pathways with sensors plugged directly into the unit.
  - Preva 2.0 is available in white only.



- 03 Preva Plus integrates with and includes the Midmark Intraoral Digital Sensor for optimum wire management and sharp images.**
- Keep your sensors accessible and safe with in-arm cable management and built-in sensor storage.
  - Preva Plus is available in white only.

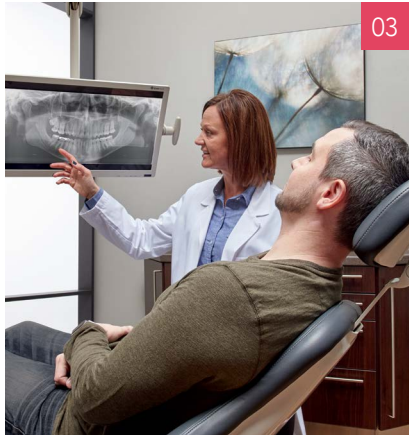
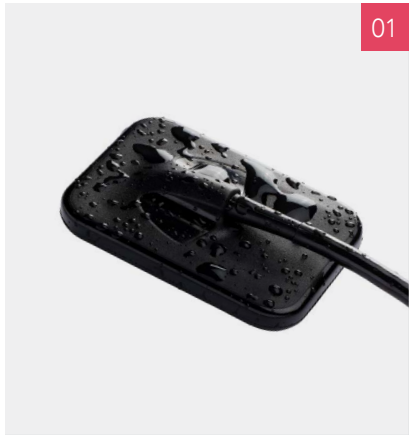


**Preva Plus pairs a market-leading Preva unit with a Midmark Intraoral Sensor to deliver high-quality images and bundled savings!**



# Midmark® Intraoral Digital Sensor System

The Midmark Intraoral Digital Sensor System is designed to simplify practice integration and deliver high-quality images in a durable, patient-friendly design. Featuring a direct USB 2.0 connection, CMOS technology optimizes resolution while reducing noise, producing sharp, detailed images for immediate review and diagnosis. Enjoy peace of mind with the Sensor Safe® extended care and replacement program to protect your investment.



- 01** The sensor housing and cable are designed for reliability and a water-tight connection to promote asepsis. For added durability, Kevlar® strands are integrated to reinforce the cabling.
- 02** Midmark Intraoral Digital Sensors are designed with a thin profile, rounded corners and contoured surfaces to minimize patient discomfort, which is a common complaint for sensors with square or clipped edges.
- 03** Clarity Filter Sets deliver better diagnostic images to help you and your team develop accurate treatment plans.
- 04** The Midmark sensors are designed to make imaging easier and more efficient for your busy practice by integrating with our Preva 2.0 and Preva Plus intraoral X-rays through a direct USB hub.
- 05** Midmark sensors are available in two sizes to accommodate each patient's needs.



# Accessories

## INTRAORAL IMAGING ACCESSORIES



Preva Dual-Operator Panel Kit



Remote Exposure Station  
**60-A2181** (for units manufactured March 2023)  
**30-A2044** (for units manufactured before March 2023)



Handswitch with 25-Foot Cable



Metal Stud Mount



Laptop Tray for Preva Mobile



Intraoral Digital Sensor System Sensor Holder (included with sensors)

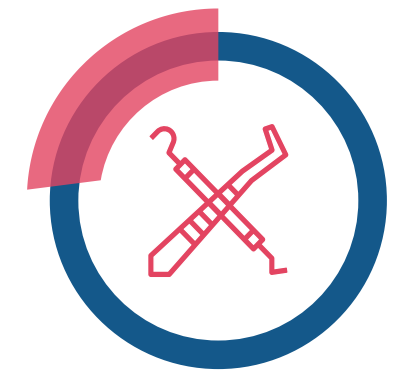


For more information about all imaging products available from Midmark, please visit [midmark.com/dental](https://midmark.com/dental) or contact your Midmark representative at 1.800.MIDMARK.





# See What Dentists + Clinical Teams Are Saying



**39% of dentists** and  
**27% of the clinical team**  
answered yes when asked,  
"In your daily workflow, do  
you have equipment or  
software that makes your  
day more stressful?"<sup>3</sup>

**Help reduce stress  
with easy-to-learn and  
easy-to-use Midmark  
intraoral imaging solutions.**

<sup>3</sup> See back page for details and sources





► Midmark Experience Center



# 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.



## DENTAL DESIGN TOOL

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

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





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Sources:

1 U.S. Access Board - <https://www.access-board.gov/ada/#ada>

2 Dentalcare.com - <https://www.dentalcare.com/en-us/archived-course-pdf?searchKey=ce459>

3 Survey results from Direction Research for Midmark Corporation, 2022



USGBC  
MEMBER

CARB 93129.2 Phase 2 Compliant and TSCA Title VI Compliant

Kevlar is not a trademark of Midmark Corporation and is the sole property of its owner.

Midmark intraoral X-ray systems are proudly designed, assembled and supported in the USA.

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

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