



ANIMAL HEALTH

# DIGITAL DENTAL RADIOGRAPHY





How do you treat disease you can't see?



60% of periodontal disease lies below the gum line, and many issues aren't detectable via probing or visual inspection.\*

**DON'T LET PATIENTS LEAVE YOUR CLINIC WITH UNDIAGNOSED DISEASE**

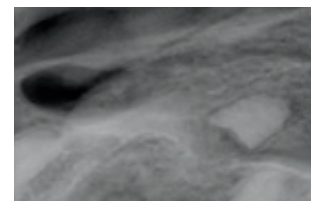
Only through the use of dental radiographs can you effectively diagnose dental disease that, left untreated, could result in tooth loss and many systemic diseases affecting the heart, liver and kidneys. Trust the digital radiography machine, digital imaging systems, intuitive software, and nationwide support and service network of Midmark Animal Health for your clinic's needs.



Teeth appear normal and healthy.



X-ray shows underlying pathology.



Post-extraction images allow you to spot remaining tooth fragments.

\* PetMD, Gum Disease in Dogs, www.petmd.com/dog/conditions/mouth/c\_multi\_periodontal\_disease

# Enhance your clinic's efficiency.

**MIDMARK DC GENERATOR**

The Midmark DC uses simple icons and a large, easy-to-read display for ease of use. You can select the mA, kV and time settings of your choice or choose the convenient pre-programmed technique settings. The positioning arm is constructed with high-tolerance, frictionless joints and a heavy duty dual braking system designed for precise and stable placement. The unique tube head handle is designed to let you effortlessly put the X-ray source where you want it, with just one hand.



- Intuitive, with easy-to-use, veterinary-specific software and control panel
- DC technology allows you to adjust kV (60, 65 and 70) and mA (4, 5, 6 and 7)
- Flexible system with settings you can customize to suit your practice
- Sensor holder for arm available with Midmark sensor
- 56", 66", 76" or 82" arm lengths and versatile mobile system
- No-hassle installation—simply connect the USB cable to your PC, use the quick calibration flash drive to prepare your sensor, and the system is ready
- Quality construction—made in the USA
- Before, during and after sale support

**01** The Midmark DC 0.4 mm focal spot is designed to produce visibly higher resolution images whether you're using film or digital sensors. Details are sharper and more defined. Small but important differences are easier to spot. Pathologies are easier to identify.



# Discover the world's first + only veterinary specific, bite resistant sensor.



## DR DENTAL RADIOGRAPHY SENSORS

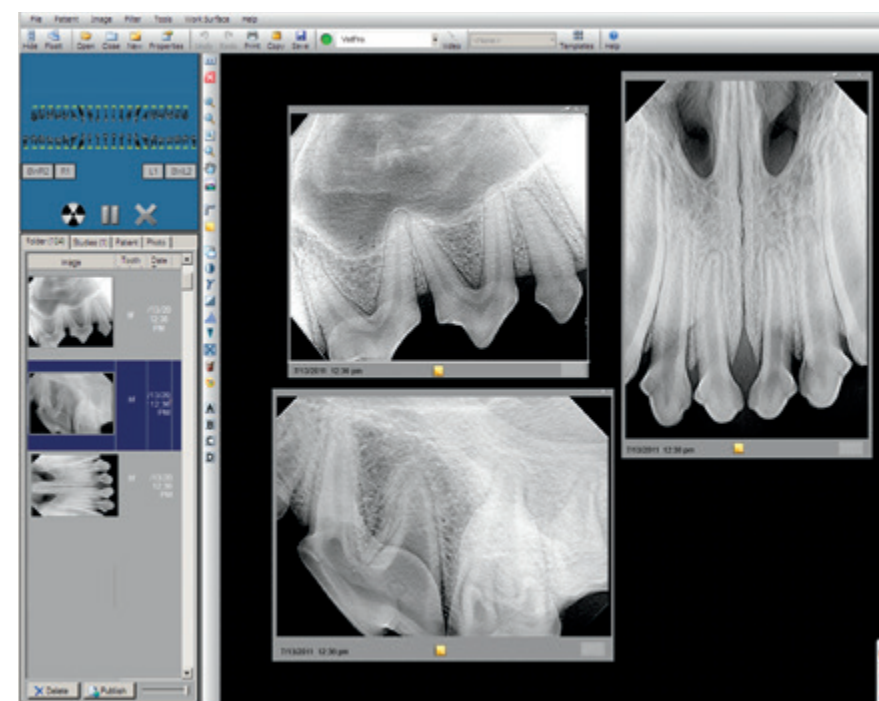
Now you can get clear, crisp images and unbeaten resistance to bite damage—four times more resistance than our standard sensor—with this combination of unsurpassed image quality and patented sensor housing.

The Midmark digital sensor is designed to deliver the soft-tissue visualization plus crown and root definition that you need to ensure you are providing your patients with superior dental care.

### FEATURES:

- Patented bite-resistant sensor housing design
- Kevlar® reinforced cable, designed for improved durability
- Waterproof, hermetic seal designed to reduce problems encountered during routine cleaning
- CMOS technology, for enhanced image quality
- Rounded corners means easier positioning in tight spaces for better capture of roots
- Free software along with free clinical and technical support

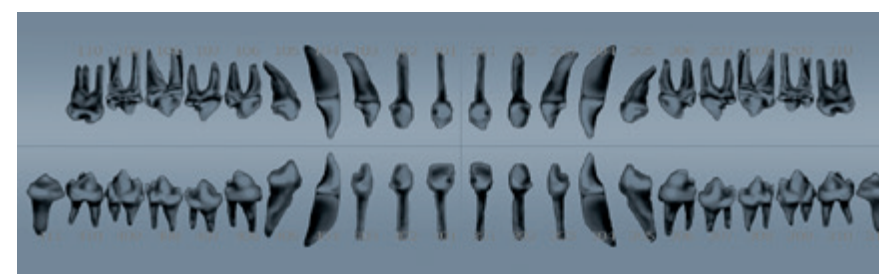
Make image capture simple with Midmark imaging software. Select a tooth or tooth set to radiograph, and then click Acquire. **Simple!**



## DENTAL RADIOGRAPHY SOFTWARE

Acquire, enhance and store images with ease. Midmark DR Systems use our own easy-to-use imaging software with a look and formatting that are familiar and easy to learn. Our software is DICOM compliant, works with leading practice management systems and PACS servers, and features canine and feline tooth templates that are organized using the Triadan System.

- High quality image
- Powerful, no-hassle software
- Intuitive and logical interface
- Simplified acquisition
- DICOM-formatted images
- Data backup and restore functions
- 22 practical and useful tools
- Create your own custom templates
- Bridges with most major practice management programs
- Store any digital image
- Integrates with AVImark® practice management software



Canine



Feline



Produce exceptional digital images with the first integrated veterinary dental radiography digital sensor system.



### MIDMARK COMPLETE DIGITAL DENTAL RADIOGRAPHY SYSTEMS

Whether your clinic is equipped with film, fully digital or a combination of both, we feel you should have the freedom to choose what you are most comfortable using without sacrificing the quality, service and support that you've come to expect from the Midmark brand. That's why we provide you with multiple imaging options and the training and support you need to get the best use of your equipment. Our imaging software integrates with AVImark® practice management software.



At Midmark, we believe that who's using our equipment and technology is every bit as important as how and why it's being used.



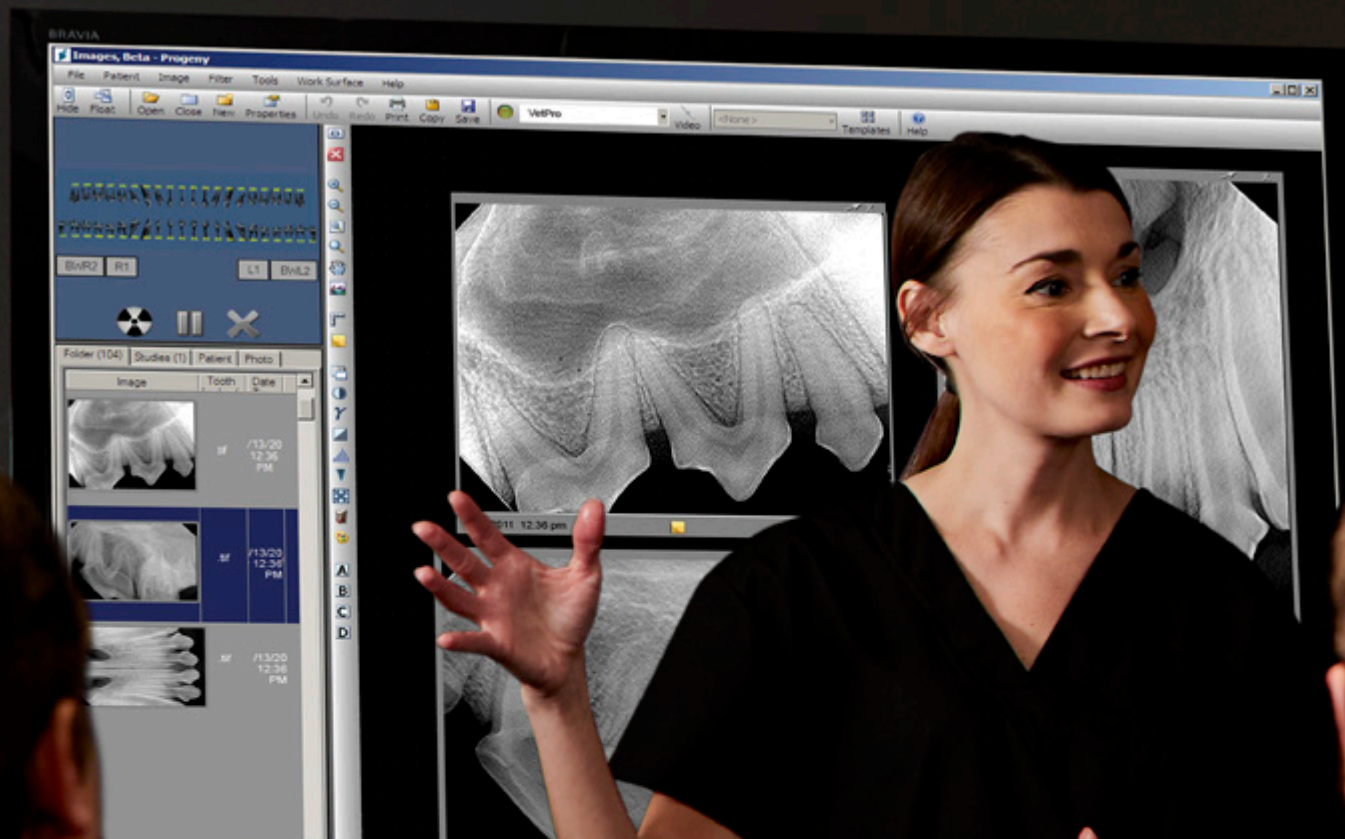


Invest in dental radiology to invest in healthier patients. Midmark systems can help you make sure you're not missing dental disease you can't see.





# Get industry-leading training + support.



We know it's not enough simply to have the right equipment and a trained staff of veterinarians. A thoroughly trained team of technicians can turn your dental suite into a highly efficient patient treatment center.

Learn how to lead your practice to lasting success and dentistry excellence from the game-changing CE training program we've developed after years of research and collaboration with industry experts.

To help ensure your success, Midmark Academy<sup>SM</sup> offers comprehensive, hands-on, half-day, digital, Dental Radiography and Positioning Training.

The program is provided in your clinic by a member of our nationwide training and education network. The AAVSB has approved Midmark courses to provide RACE<sup>®</sup> credits for both technicians and veterinarians.

*Note: These programs have been approved for continuing education credit in jurisdictions that recognize RACE approval.*

Call 1.844.856.1236 or visit [midmark.com](http://midmark.com) for full course details.

## MIDMARK DR SENSOR SPECIFICATIONS

Dimensions:

Size 1 (film size equivalent)  
37.7 mm x 25.35 mm x 7.8 mm  
Size 2 (film size equivalent)  
43.8 mm x 31.5 mm x 7.8 mm

Active Area:

Size 1 (film size equivalent)  
30 mm x 20 mm  
Size 2 (film size equivalent)  
36 mm x 26 mm

Number of Pixels:

Size 1 (film size equivalent)  
1580 lines x 1050 pixels  
Size 2 (film size equivalent)  
1896 lines x 1368 pixels

Pixel Size: 19 µm x 19 µm

Theoretical Resolution:

26 lp/mm

Levels of Grey: 4096

Connection Type:

High-speed USB 2.0

Sensor Cable Length: 3 meters

Warranty:

A five year limited warranty is also included with sensor purchase. If there is a catastrophic event making the sensor not function, it will be replaced at NO CHARGE the first time.

## MIDMARK DC SPECIFICATIONS

Line Voltage: 120-230 VAC +/- 10%  
50-60 Hz

Line Load: Maximum current amps

Tube Potential: 60, 65 or 70 kV

Tube Current: 4, 5, 6 or 7 mA

Exposure Time: 20 ms to 2 seconds

Cone Length: 20 cm (8 inches)

Minimum Inherent Filtration:

2 mm Al equivalent at 70 kV

Focal Spot: 0.4 mm (IEC 336)

Duty Factor: 1:15

Remote exposure hand switch included

Shipping Weight: 95 lb (wall mount)  
330 lb (mobile)

Applicable Documents Federal Regulations: 21 CFR, UL, CE

Warranty: 2 years, limited

Options: choice of 56", 66", 76" or 82" (total reach); double stud mounting plate

## MIDMARK VETERINARY IMAGING SOFTWARE

Computer Workstation Requirements

Operating System: Windows<sup>®</sup> 8 Pro or Enterprise Edition (32 & 64 bit), Windows<sup>®</sup> 7 Ultimate or Professional (32 & 64 bit)

Processor: Intel<sup>®</sup> (or x86 compatible) Single Core™ 2 GHz or better (or Dual Core™ at 1.7 GHz, recommended),

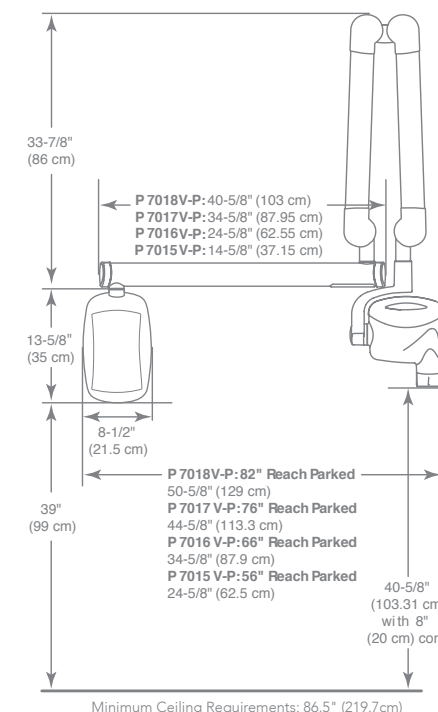
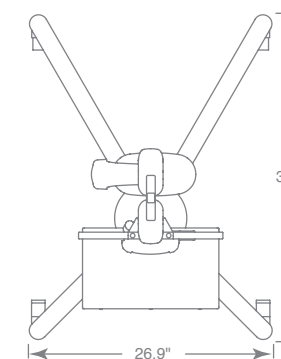
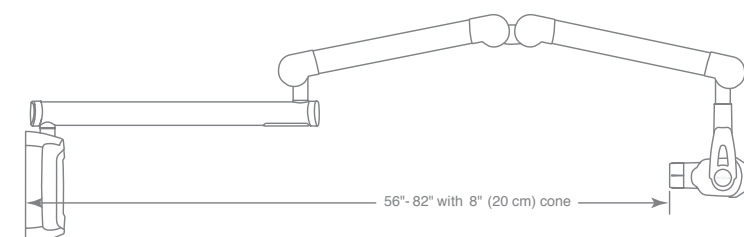
Memory: 2 GB RAM (minimum), 3 GB RAM (recommended),

Storage: 80 GB Hard Drive (minimum)

Video: 32 bit, 1024 x 768 resolution capable (minimum)

Display: 1024 x 768, 32 true bit color (recommended)

Ports: Two High-Speed USB 2.0





Designing better care.™

Authorized CE Representative Countries in the EEC should direct all questions, incidents and complaints to the Midmark Authorized CE representative listed below:

CE Partner 4U, Esdoornlaan 13, 3951 DB Maarn, Netherlands,  
[www.cepartner4u.eu](http://www.cepartner4u.eu)

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)

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Outside the USA call: 1.937.526.3662 or visit our website: [midmark.com](http://midmark.com)

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