

Preva DC

WHERE TECHNOLOGY MEETS SIMPLICITY...PERFECTLY



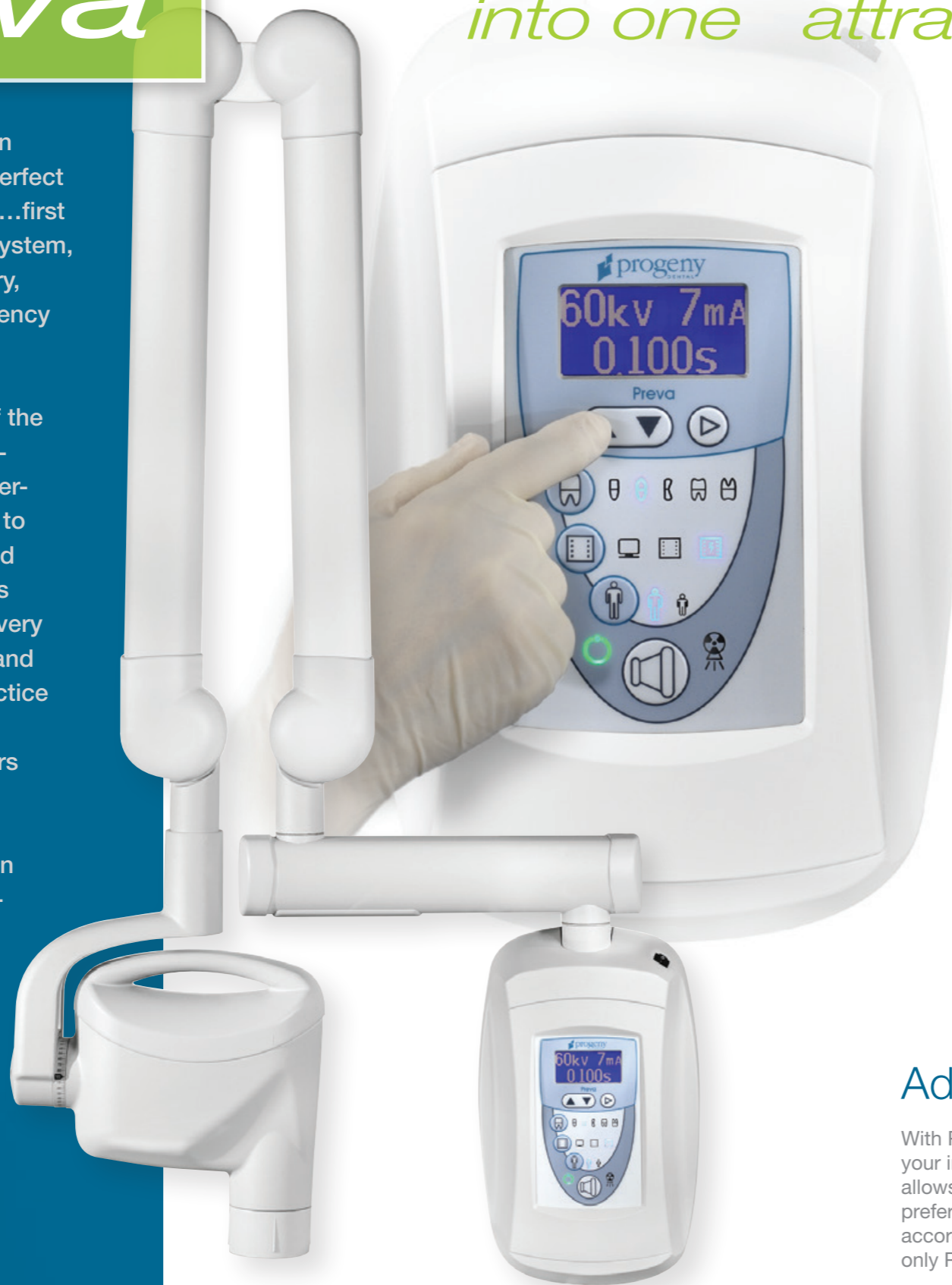
Preva

In 2002, the Progeny® design team set out to create the perfect intraoral x-ray. And they did...first with the reliable JB-70 AC system, followed by the extraordinary, industry-leading, high frequency system, the Preva DC.

Preva is the convergence of the latest DC technology, micro-processor advances and user-focused features. Designed to provide flawless imaging and enhanced workflow, Preva is the perfect foundation for every practice—film-based, PSP and digital—and offers your practice reliable performance today, tomorrow and for many years to come.

Now there are two choices in imaging excellence: Preva—the perfect foundation for every practice and every receptor; and Preva Plus, the DC intraoral x-ray with its own integrated digital sensor.

Only Preva packs so many powerful features into one attractive, reliable DC system.



The smallest focal spot equals the sharpest images

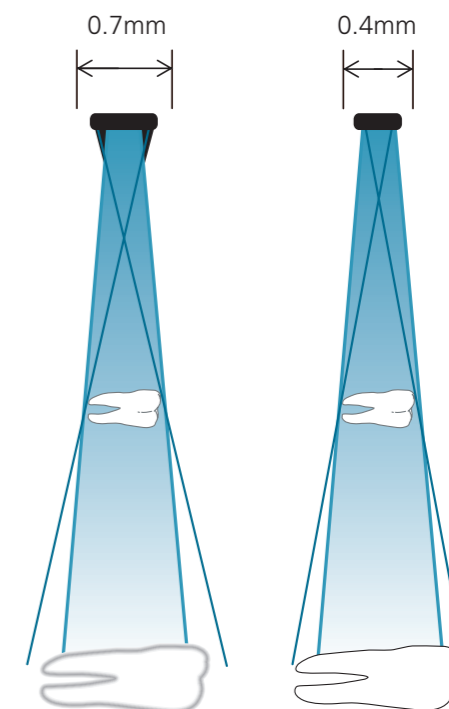
Preva's 0.4mm focal spot produces visibly higher resolution images—whether you're using film or digital sensors. Details are sharper and more defined. Small but important differences are easier to spot. Pathologies are easier to identify.



[Traditional 0.7mm focal spot]



[Preva 0.4mm focal spot]



Adjustable techniques provide complete control

With Preva, you decide how you want to see your images. A choice of selectable options allows you to determine the techniques you prefer to control gray scale, density and contrast according to clinical or procedural needs. And, only Preva combines a 0.4mm focal spot with

such a wide range of kV, mA and time choices for consistently superior diagnostic images.

- kV – 60, 65 and 70
- mA – 4, 5, 6 and 7
- Time – 0.02 seconds to 2 seconds

Preva Plus

All the benefits of Preva, PLUS a high resolution digital sensor always handy, always ready.

Integrated efficiency

Preva Plus takes digital imaging to the next level of convenience with its innovatively integrated ClearVision® sensor. All cabling and electronics are self-contained and hidden away inside the Preva Plus, helping to keep your operatory well-organized and cable-free.

Sensors that are easily misplaced or damaged can now be safely stored within easy reach. A simple USB connection and a specially designed receptacle right on the arm makes it easy to be ready for your next patient.

[The latest USB technology provides "plug-and-play" installation.]

All the details, no wait

Progeny's® ClearVision® sensor produces crisply detailed digital images ready for viewing on your monitor within seconds. Images can be captured and viewed with Progeny® Imaging, and most popular Practice Management and Imaging Programs.

For a complete list of software compatibility, contact Midmark.

[Sensor stores safely and securely on arm]



Enhanced workflow

Stable, drift-free positioning

Preva is known for its exceptional arm mechanics. Feel the exceptional balance and effortless movement. Preva's proprietary braking system contains both an outboard and an inboard brake to assure that the head stays exactly where you position it without sagging or drifting. Preva has more adjustment points than any other system and a distinctive handle design for fast one-handed positioning.

Tailor-made for optimum efficiency

Preva's exclusive LCD display with its large, bright screen displays technique information clearly from any angle. Easy to understand icons quickly identify tooth, receptor type and patient size. 30 pre-programmed technique settings streamline set-up and preparation for every procedure and every receptor.



[56", 66", 76" and 82"* arm lengths available]
*Requires mounting plate



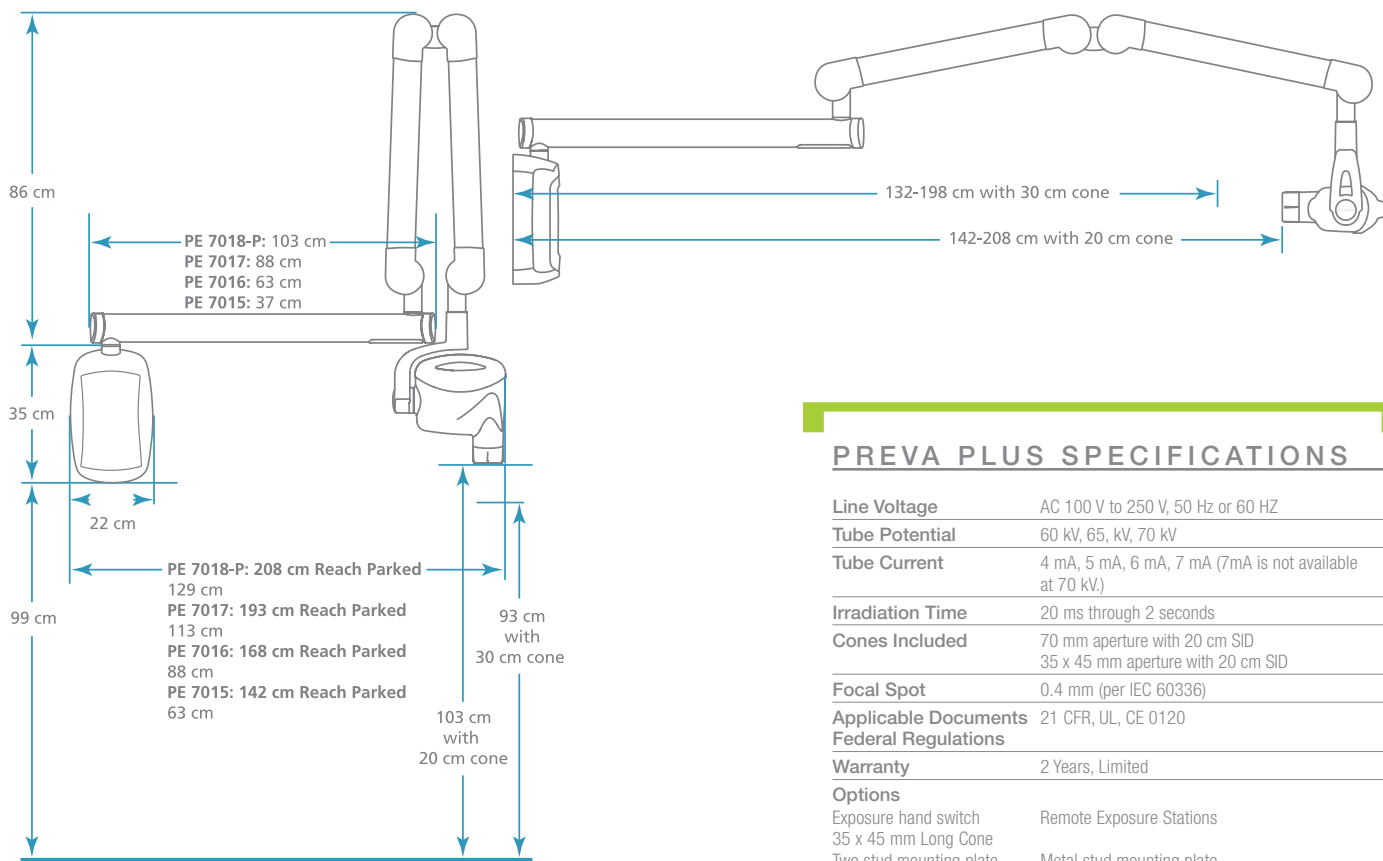
[Only Preva offers a dual arm braking system]

Optimise your Preva

Only Preva delivers menu options that allows you to instantly optimise your x-ray. Use the built-in menu accessed from the control panel to change preset techniques or select a specific sensor. Progeny's® unique Optimisation Menu puts many options within your reach—simply.



Progeny® – the leader in intraoral x-ray systems in the U.S. and the preferred choice of dentists around the world.



Cabinet Pass Through
 168 cm Arm: 79 cm w x 121 cm h
 193 cm Arm: 104 cm w x 121 cm h

Cabinet Pass Through (Alternate)
 168 cm Arm: 68 cm w x 121 cm h
 193 cm Arm: 94 cm w x 121 cm h

Mobile
 Base: 68 cm x 91 cm
 Height: 195 cm
 Arm reach: 112 cm

PREVA PLUS SPECIFICATIONS

Line Voltage	AC 100 V to 250 V, 50 Hz or 60 HZ	
Tube Potential	60 kV, 65, kV, 70 kV	
Tube Current	4 mA, 5 mA, 6 mA, 7 mA (7mA is not available at 70 kV.)	
Irradiation Time	20 ms through 2 seconds	
Cones Included	70 mm aperture with 20 cm SID 35 x 45 mm aperture with 20 cm SID	
Focal Spot	0.4 mm (per IEC 60336)	
Applicable Documents Federal Regulations	21 CFR, UL, CE 0120	
Warranty	2 Years, Limited	
Options	Exposure hand switch Remote Exposure Stations 35 x 45 mm Long Cone Two stud mounting plate Metal stud mounting plate Choice of 56", 66", 76", or 82" (total reach) and Mobile	
Sensor		
<i>Film Size equivalent</i>	<i>Size 1</i>	<i>Size 2</i>
Dimensions	37 x 24 x 5.5 mm	43 x 32 x 5.5 mm
Active Area	30 x 20 mm	36 x 26 mm
Sensor Cable	90 cm	90 cm
Computer Interface	High Speed USB 2.0	High Speed USB 2.0

Computer Requirements

Please see midmark.com for operating system and hardware requirements

Contact your Midmark representative for additional system requirement information.

midmark.com

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