The Perfect Combination

Enjoy the benefits of the Preva DC intraoral x-ray and the ClearVision™ sensor in one convenient system, the Preva Plus. Preva is preset to work optimally with ClearVision™ and is specifically designed to make imaging easier and more efficient for your busy practice. A powered USB hub and all cabling are self contained and hidden inside the Preva Plus, helping to keep your operatory well-organized.

Specifications*

ClearVision Digital Sensor systems include Progeny ClearVision™ Sensor, Progeny Imaging Software, USB drive, sample sheath pack, Rinn XCP-DS Fit sensor positioning guide and sensor holder.

Film Size Equivalent:	Size 1
	Size 2
Active Area:	30mm x 20mm (Size 1)
	36mm x 26mm (Size 2)
Number of Pixels:	1580 lines x 1050 pixels (Size 1)
	1896 lines x 1368 pixels (Size 2)
Pixel Size:	19 μm x 19 μm
Theoretical Resolution:	26 lp/mm
Levels of Gray:	4096
Dynamic Range:	71 dB
Signal-to-Noise Ratio:	55 dB
Sensor Cable Length:	.9m or 3m
Connection Type:	USB 2.0, High Speed
Power Supply:	+5 V, per USB 2.0 specification
Level of Protection:	IP67 (sensor only, per IEC 60529)

*specifications subject to change without notice

Progeny Imaging Software
System Requirements

Operating System:	Microsoft Windows 7® Ultimate or Professional (32 & 64 bit) or Microsoft Vista® Business or Ultimate (32 & 64 bit) or Microsoft Windows XP® Professional (SP3) or Intel®-based Apple® running Windows Platform.
Processor	Intel® (or x86 compatible) Single Core 2 GHz or better (or Dual Core at 1.7GHz recommended)
Memory	2 GB RAM (minimum), 3 GB RAM (recommended)
Storage	80GB Hard Drive (minimum)
CD/DVD	48x CDRW (minimum), 16x DVD+/-RW (recommended)
Video	32 bit, 1024 X 768 Resolution Capable (minimum)
Display	1024 X 768, 32 true bit color (recommended)
Ports	Two USB 2.0, High Speed

A back-up storage device is recommended (DVD, External Hard Drive, other)

Note: Microsoft Windows 7® Home Premium, Microsoft Windows Vista® Home Basic or Home Premium and Microsoft XP® Home and Tablet PC Editions are NOT recommended.

For additional information, contact Progeny Technical Support at 847-415-9800 option 3.

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DIGITAL SENSOR SYSTEM

ClearVision™ is the new digital sensor system from Progeny. With a direct USB 2.0 connection, ClearVision™ simplifies practice integration and delivers high quality images in a durable, patient-friendly design.

Premium Comfort for Your Patients

Give your patients a more positive experience. ClearVision™ has a thin profile with rounded corners and contoured surfaces, minimizing patient discomfort commonly experienced with square or clipped edge sensors.

Because we know one size does not fit all, ClearVision™ sensors are available in two sizes to best accommodate patient needs and examination requirements. To enhance positioning, the ClearVision™ sensor cable is thin and flexible.

Ideal Combination of Imaging Elements

A fiber optic faceplate enhances sharpness and image quality. The patented cut corner CMOS design maximizes the image area while providing increased patient comfort. And, the electronics have been optimized for low power USB draw, (less than 100mA) making the ClearVision sensor ideal for use with power limited laptops. All are enclosed within the hermetically sealed sensor housing.

Imaging Software Comes Standard

Progeny Imaging is an easy to learn and easy to use software that speeds image acquisition, diagnosis and image handling. Magnification, contrast or density adjustment, measurement assistance and annotations are just a few of the powerful tools provided. Images can be exported, emailed or printed for insurers, your patients or referrals.

US Patent No. 5.179.579

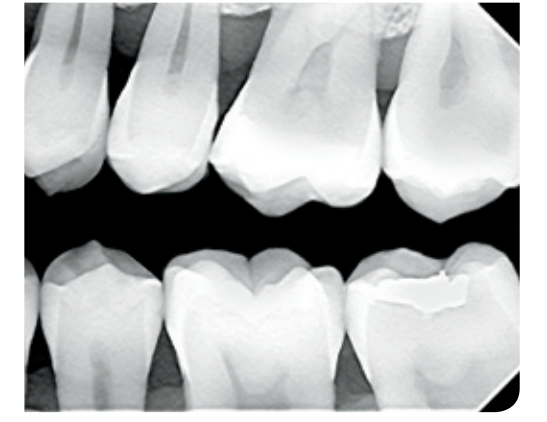**The Simple Solution for Digital Integration**

A high speed direct USB 2.0 connection simplifies digital integration into your practice. By incorporating image capture and processing electronics into the sensor, the need for docking stations, adapters and additional cables is eliminated.

Move your sensors from operatory to operatory to meet your specific workflow demands. ClearVision™ is always ready for the next image.

Durable Quality You Can Depend On

Designed to stand the test of time, the sensor housing and cable provide a highly reliable, water tight connection, allowing for repeated immersion in disinfectants, improving asepsis. Kevlar® strands reinforce the cabling to deliver a thin, flexible cable that is very durable, while internal strain relief ensures the integrity of the cable attachment to the sensor casing. But, if a cable is damaged, it can be easily replaced.

Advanced Imaging Made Easy

Advanced CMOS technology optimizes resolution while reducing noise, producing sharp, detailed images for immediate review and diagnosis. Images appear onscreen within seconds and can be magnified or enhanced without compromising the visibility of important diagnostic details. ClearVision™ digital sensors are compatible with leading practice management systems.