

INTRAORAL IMAGING



INTRAORAL SENSOR

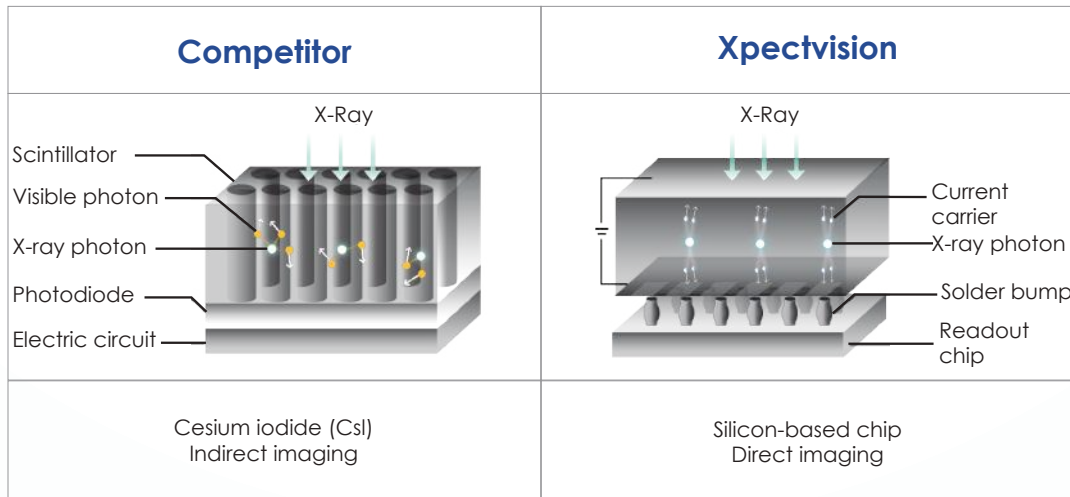
DENTAL X-RAY



The World's First Photon-Counting Intraoral Sensor

Cutting Edge Technology and Strict Tests Deliver Unrivaled Durability

The Xpectvision intraoral sensor uses silicon-based chips instead of the traditional material, cesium iodide (CsI), avoiding image blurring or performance deterioration.



**High-Strength,
Durable Cable**

**Water Resistance
Tested to IEC IP68**



Technical Specifications	
Technology Used	Photon Counting Detection (PCD)
Waterproof	Yes
RVG Size	1.5
Effective Imaging Area	25mm x 30mm
Image Resolution	14lp/mm
Pixel Size	-
Sensor Ready for image capture	Manually
License Required	Yes
Cable Quality	Reinforced
Cable Length	3 meters*
Gray Scale	>=16 bit

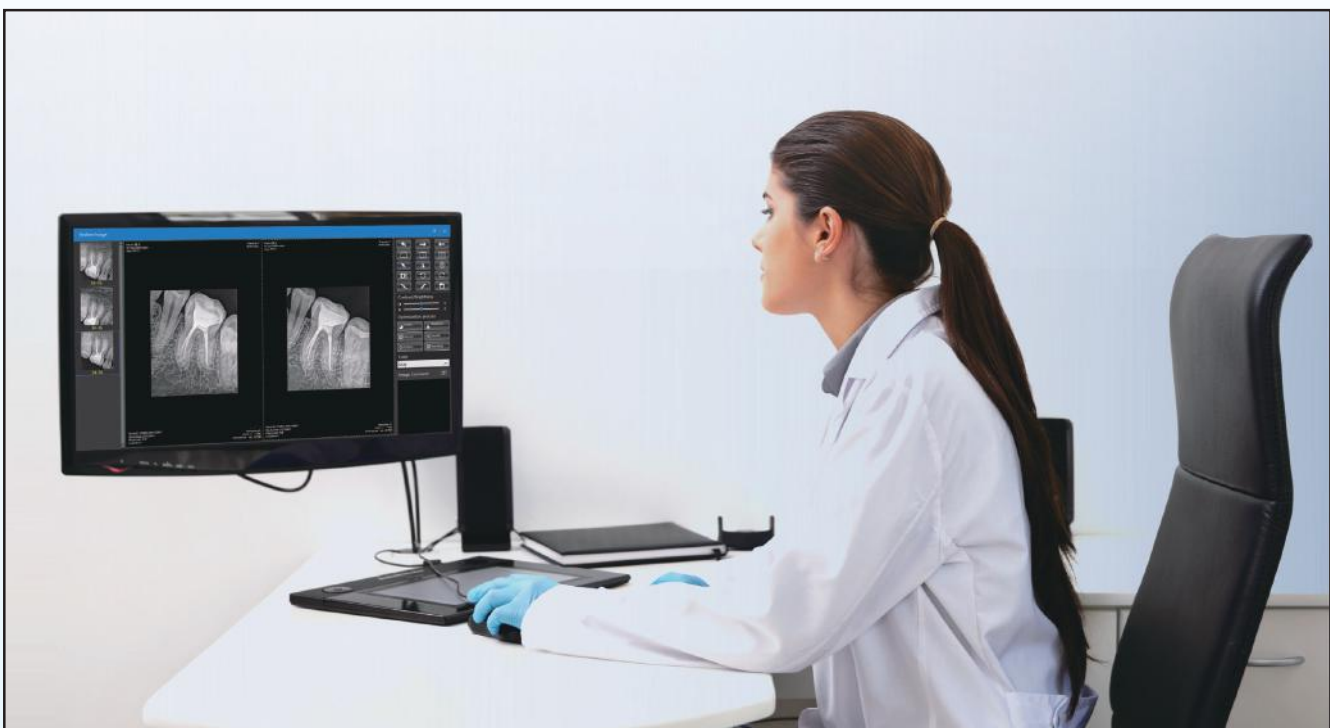
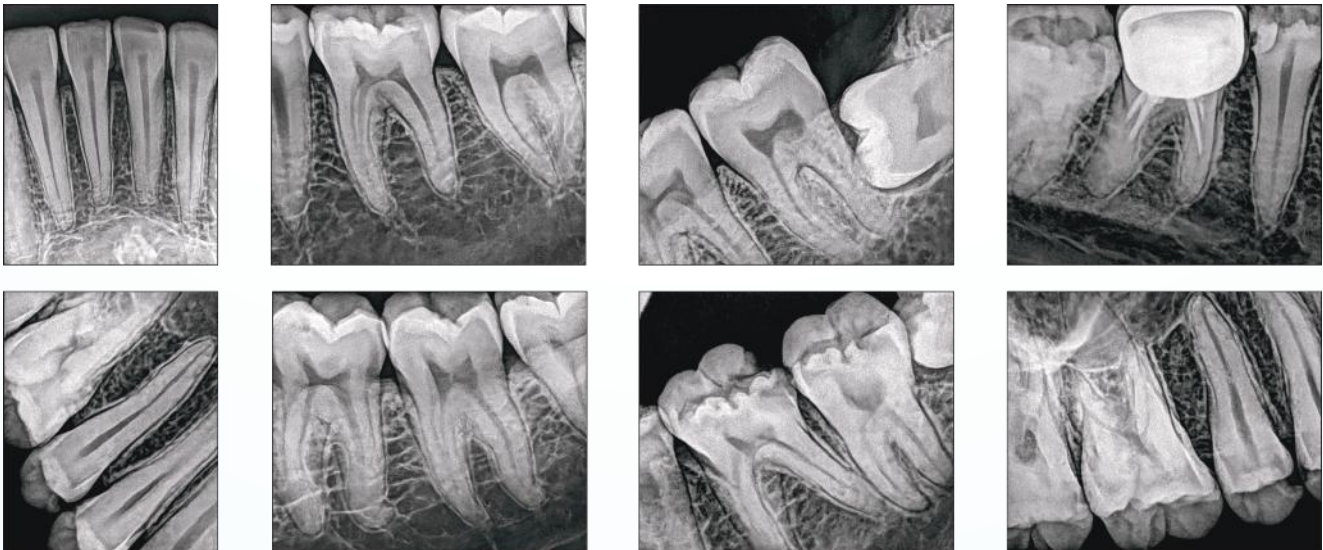
*Approx. 3 Meters

Xpectvision's Direct Imaging Innovation

Provides Unparalleled Clinical Image Quality

Of its high technical requirements and costs, photon-counting is an emerging technology in clinical CT. Xpectvision is the world's first to apply the latest photon-counting technology to dentistry, enabling direct imaging, avoiding the interference of light scattering from conventional indirect imaging, and ensuring image acquisition stability.

The broad dynamic range eliminates time-consuming fine-tuning of exposure to produce a clinical image. Adjust contrast and brightness to meet different clinical requirements.



PORT-X III

Slimmer | Smarter | Superior

STEADY SELLER

With excellent quality & economy, PORT-X III has been loved steadily by our customers since its launch.



EXCELLENT SHIELDING

0.5T lead shielding protects users and patients from X-RAY scattering.

EASY TO USE

The preset exposure time allows you to easily acquire the image in just three operations.



Technical Specifications		
X-Ray Generator	Type	High Frequency Inverter
	Power Output	180W
X-Ray Installations	Tube Voltage	60 kV
	Tube Current	2mA
	Heat Capacity	8.5 KHU
X-Ray Tube	Anode Type	Stationary
	Anode Angle	20°
	Focal Spot	0.8mm
X-Ray Control	Exposure Time Set	46 Steps (0.01 ~ 2.0 sec)
Power Requirement		22.2 VDC
Weight	Main Body	2.35 kg
	Accessory	0.6 kg
Dimension	Main Body	197 x 147 x 145 (mm)
	Charger	100 x 65 x 35 (mm)

PORT-X II

PERFECT COMBINATION OF RELIABILITY & POWERFUL INNOVATION

- ✦ Portable, compact & wireless DC X-Ray
- ✦ 60kV/2mA Toshiba Tube
- ✦ Electrical Voltage 220 V
- ✦ Focal Spot 0.8 mm
- ✦ Exposure Time (0.01-2.0 sec)
- ✦ Graphic LCD display
- ✦ IOPA film & Radiovisiography sensor compatible
- ✦ Round type beam limiting device
- ✦ Total filtration 1.8 mmAl
- ✦ Weight approx. 2.8 Kg
- ✦ Internally LEAD coated to prevent excessive exposure & dispersion of radiation
- ✦ Rechargeable Lithium-Polymer battery
- ✦ Patient & tooth selection mode
- ✦ Very useful for multi-chair clinics

Compact Outside - Smart Inside



Digital Sensor 0.15 sec
Chemical Film 0.3 sec



Canine

Digital Sensor 0.15 sec
Chemical Film 0.3 sec



Incisor

Digital Sensor 0.25 sec
Chemical Film 0.35 sec



Molar

CR

**India's Highest selling
Portable X-Ray with
10,000+ Installations**

RVG 5200

The RVG 5200 is the perfect choice for those looking to take a first step into digital dental radiography. An ideal solution for intraoral imaging needs, the easy-to-use sensor allows users to capture exceptional images quickly and easily. The image quality of the RVG 5200 sensor is the same or higher than other intraoral sensors in its class - so there is no need to sacrifice image quality for affordability.

Easy to install, so you can use it immediately

The RVG 5200's user-optimized quick install & user guides help through the installations process, while the post-installation tool verifies the system is working properly to eliminate downtime.

Technology you can count on

The RVG 5200 sensor is backed by Carestream Dental's decades of experience in digital radiography systems and engineering. To protect your investment, all of the connection points along the sensor cable have been reinforced for added durability, ensuring the sensor can withstand hard pulls and torsions.



Waterproof & fully submersible for optional infection control

PROVEN RVG TECHNOLOGY ESTABLISHED RELIABILITY



High Image Quality



Convenient quickstart



Maximum durability



CE / EC ISO 13485:2016

Technical Specifications	
Technology	CMOS
True Image Resolution	16 lp/mm
Connection	USB 2.0 - High Speed
Size 1	All Purpose sensor providing the best compromise between ease of use and active area
Outside Dimensions	27.6 x 37.7 mm
Dimensions of Active Area	22.2 x 29.6 mm
Sensor Plate Thickness	7.3 mm



Portable High-Frequency X-Ray Unit



CE / EC EN ISO 13485:2016

- ✦ Portable, Compact & Wireless DC X-Ray
- ✦ Useful for multiple chair Clinical Set-up
- ✦ Very Light in weight device, easy for single handed operation with the weight of 1.7 Kg
- ✦ Superior Image Quality with less radiation to both patient & the operator
- ✦ Imported micro-focus CANON tube from Japan ensures clearer image.
- ✦ Wide digital display for easy operation
- ✦ Imported circuits from South Korea, ensures high-quality image even during low battery power
- ✦ 150 shots of X-ray can be taken once the unit is fully charged
- ✦ Various exposure modes for different parameters



Concise and clear digital display

Technical Specifications:

- ✦ Focal Spot: 0.4 mm
- ✦ Tube: CANON D-045
- ✦ Tube Current: 2mA \pm 20%
- ✦ Voltage: 70 kV \pm 10%
- ✦ Frequency: 50 -60Hz
- ✦ Total Filtration: 1.5mm Al
- ✦ Exposure Time Range: 0.04 Sec – 2.0Sec



Available for hand-held shooting separately

TIMEX 70E X-RAY

The first X-Ray equipment that respects your nature

Gnatus, after several years of research, capture from nature, more precisely from the flight of hummingbirds, all attributes that professionals like you expect from an X-Ray machine.

The X-Ray joints allow a rotation of 180 degrees. Seem to have no limits and defy gravity with daring maneuvers.



CE / EC ISO 13485:2016 / EN ISO 13485:2016

Key Features:

- ✦ Exclusive Technology Green 95% less lead
- ✦ Ergonomic digital control
- ✦ Scale of the head angling 300° rotation
- ✦ Thermal protection of the head
- ✦ Rectangular Collimator
- ✦ Head with compensation chamber
- ✦ Arms and column made of steel

Technical Specification:

- ✦ Power: 1200VA
- ✦ Frequency: 50/60Hz
- ✦ Max Current of the tube: 7mA
- ✦ Time of exposure: 60ms, 3.2sec
- ✦ Equivalent filter of Aluminum: 1.5mm
- ✦ Nominal Focal point value: 0.8 x 0.8mm



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creating a world full of healthy smiles together.**

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* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

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