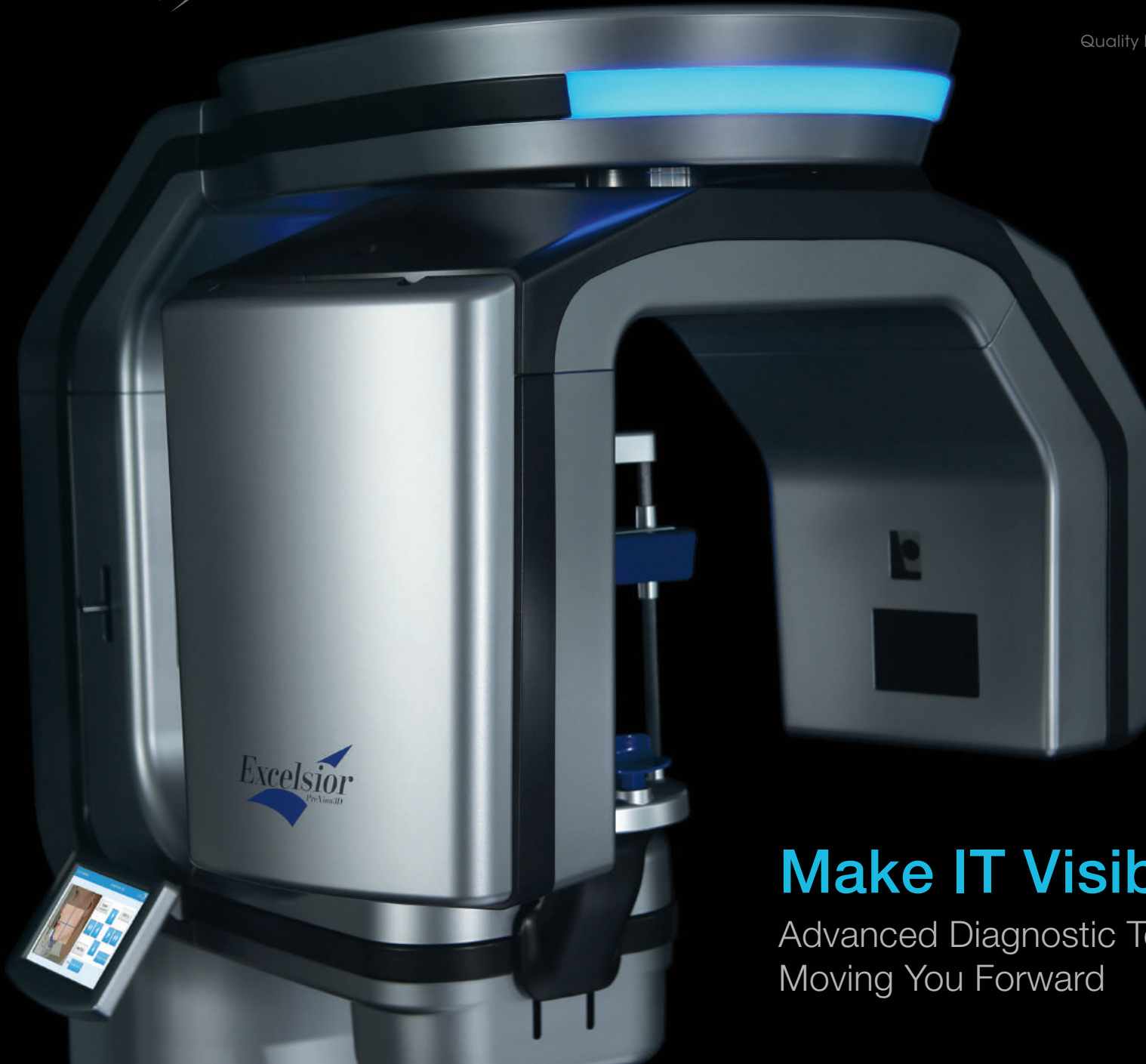


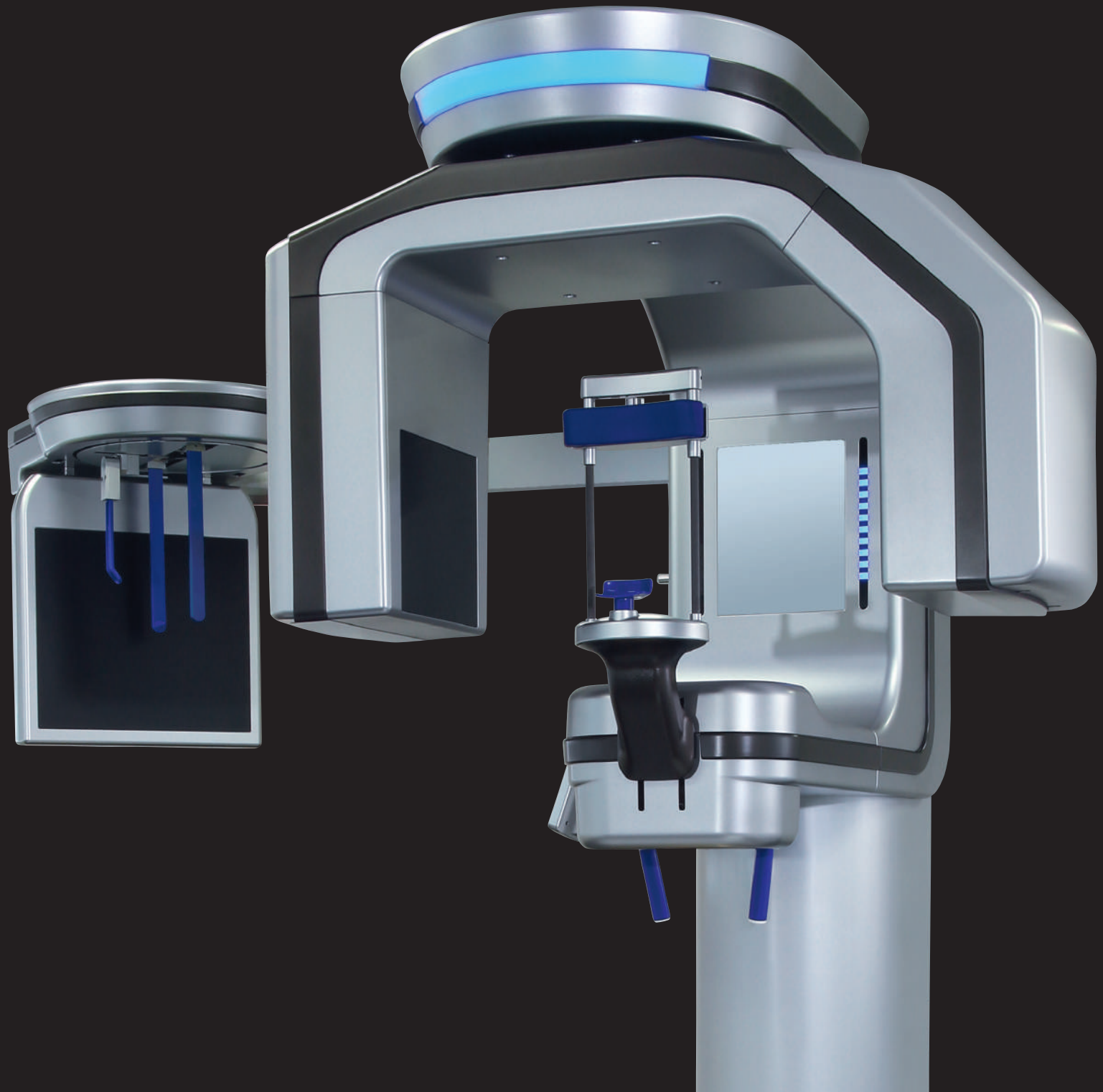


Quality Leader in Dental 3D CBCT Imaging



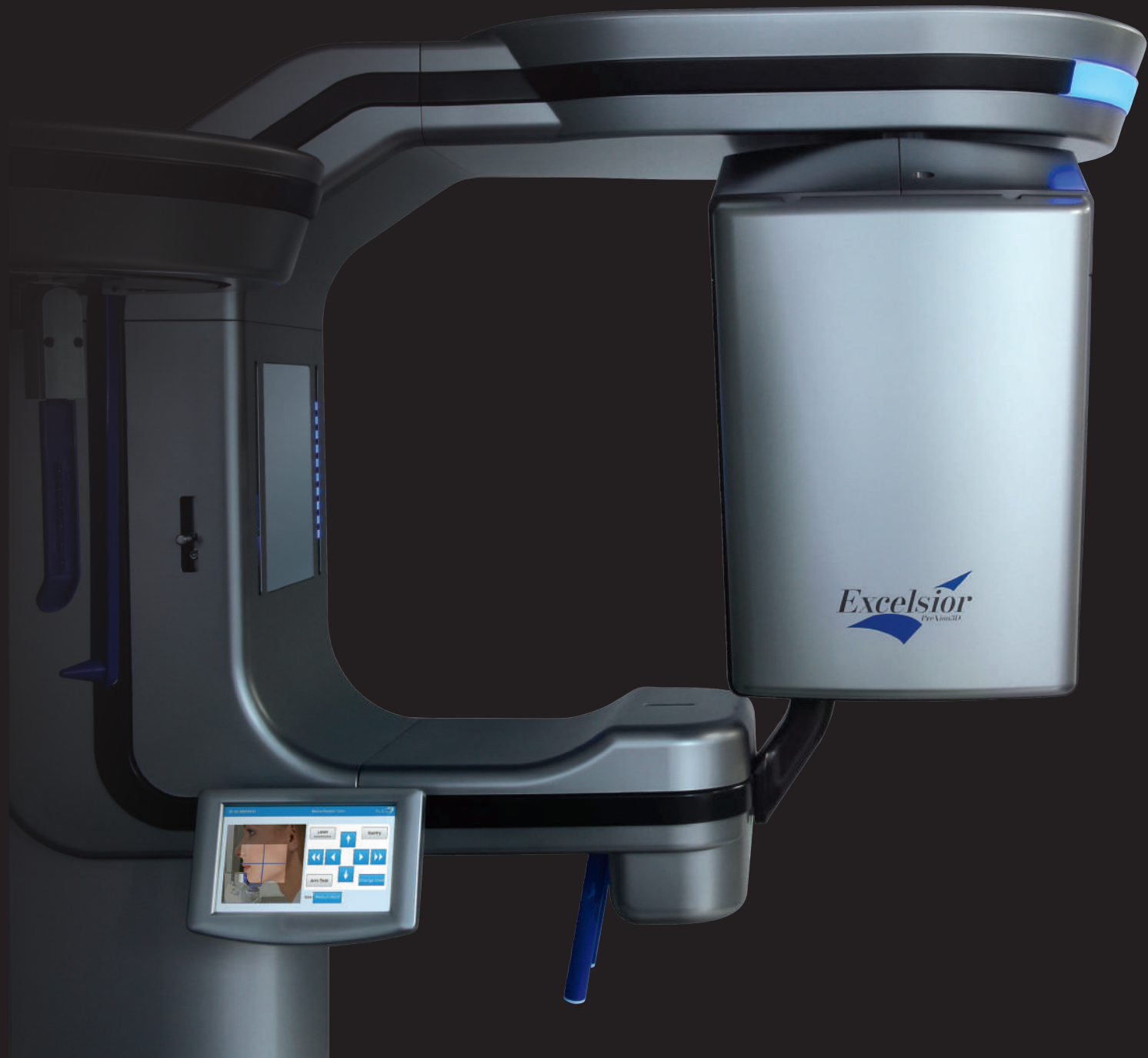
Make IT Visible –

Advanced Diagnostic Technologies
Moving You Forward



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Excelsior
ProVision II



Make IT Visible – Overcoming Challenges at Every Step

PreXion is committed to your success by focusing on low dose and advanced imaging technologies for accurate diagnoses and treatment. PreXion's legacy has always been founded on providing superior imaging quality with powerful and easy-to-use software. With over 15 years of experience in 3D DICOM image processing and software visualization, PreXion has distinct advantages over other CBCT scanners and is committed to "Make IT Visible" under every clinical circumstance.

The PreXion 3D Excelsior is suited for a multitude of specialties:

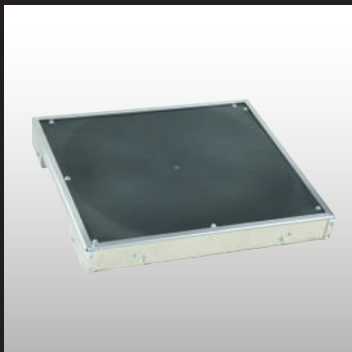
• Implants • Oral Surgery • Periodontics • Endodontics • TMJ • Airway Analysis • ENT • And More

Let PreXion empower you and your practice with in-person training, service and maintenance, while you achieve peace of mind with a full-service extended warranty, which covers the entire device, lens included.

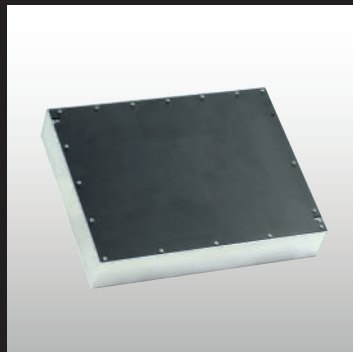
Make IT Visible – Pioneers in Innovation

Improving image quality with exclusive innovative technologies.

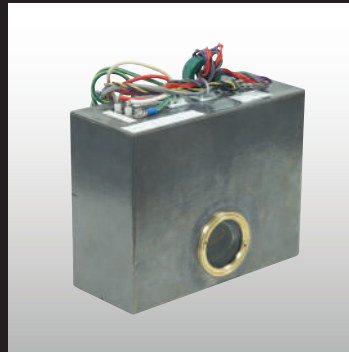
PreXion has improved the reliability and quality of all CBCT core technologies including the X-Ray Tube and the Flat Panel Detector (FPD) for both CT and Cephalometric scans. PreXion takes the in-house approach, supplying superior quality products from our state-of-the-art factory in Japan with excellence in quality assurance, production, and manufacturing flexibility. Experience **unmatched imaging quality** with the world's smallest focal spot of just 0.3mm, allowing 6x larger volume rendering for every clinical need. PreXion 3D Excelsior also boasts a **30% lower patient radiation** dose than current PreXion CBCT levels while maintaining total image quality.



PreXion New FPD



PreXion New Cephalo FPD



PreXion New X-Ray Tube

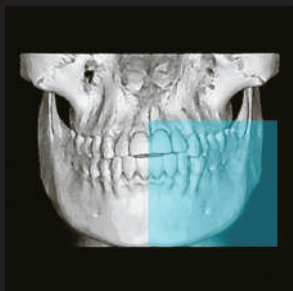


Make IT Visible – See What You’ve Been Missing

Increase your diagnostic and treatment accuracy with optimal FOV size.

PreXion 3D Excelsior has 5 distinct FOV sizes, ranging between 50x50mm, 100x50mm, 100x81mm, 150x81mm and 150x130mm. Variation of imaging modes and the possibility to select the volume size according to your diagnosis allows you to achieve the highest image quality while limiting radiation (in accordance with ALARA principles).

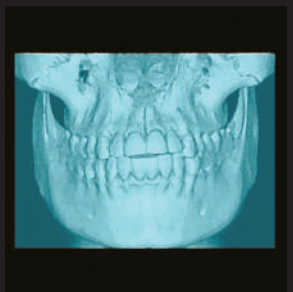
This versatility of selection extends to CT scans, Panoramic scans and Cephalometric exposure, with multiple variants of FOV, Number of Views and Patient Sizes. What’s more, the Standard and Rapid Modes feature respective 30% and 70% reductions in radiation exposure as compared to previous models.



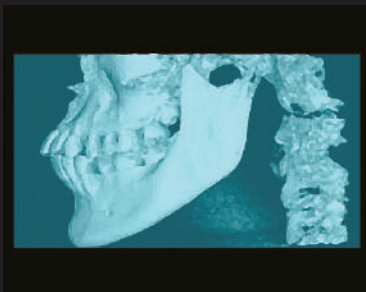
5 x 5



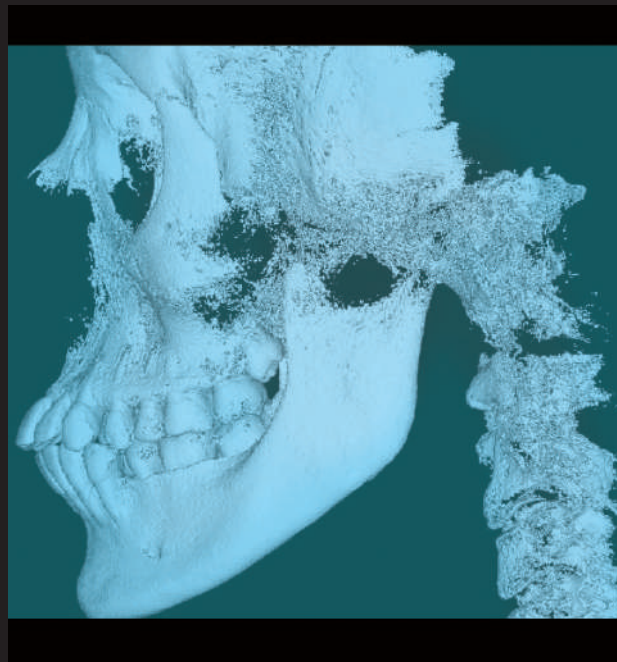
10 x 5



10 x 8



15 x 8



15 x 13

FOV

15 x 13
(Optional Upgrade)

15 x 8
10 x 8

10 x 5

5 x 5

Number of Views

1024

768

416

Patient Size

Adult L

Adult M

Adult S

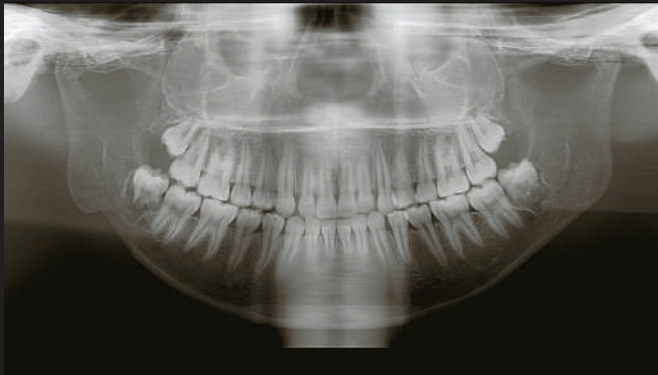
Child



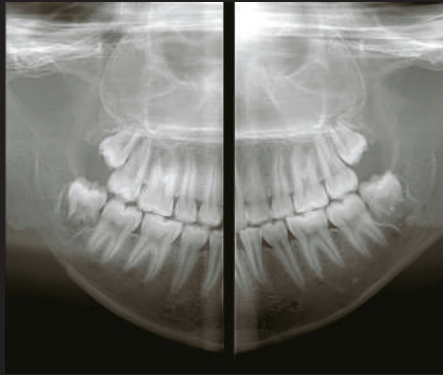
Experience a New Standard of Imaging for Every Specialty

A clear and sharp panoramic image generates better diagnostics. Advanced details, especially in the anterior and dental roots, can be viewed easily with PreXion 3D Excelsior. These **consistently high-quality panoramic images** are the new standard of panoramic imaging solutions. It also functions as an expandable platform to offer Cephalometric options for all of your orthodontic needs, providing optimal images with an **exclusively designed and developed FPD for Cephalometric diagnoses**.

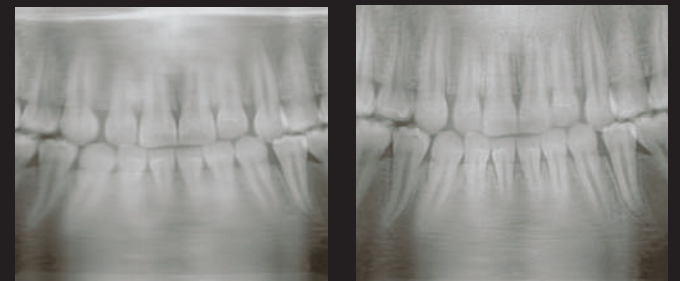
All of this and more can be performed effortlessly with **the PreXion 3D Excelsior's sizeable 7" touchscreen**. Its easy-to-use interface allows simple usage and setup, while its user-friendly controls provide a quick and natural workflow for staff members conducting any clinical procedure. Directly and immediately positioning the patient has never been easier, regardless of height or size, when clinicians use the screen's visual guide. Intuitive, efficient usability defined.



Panoramic



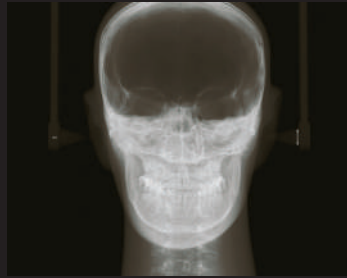
Bitewing



Manual Focus Function



With Cephalometric
Sensor Unit (Optional)



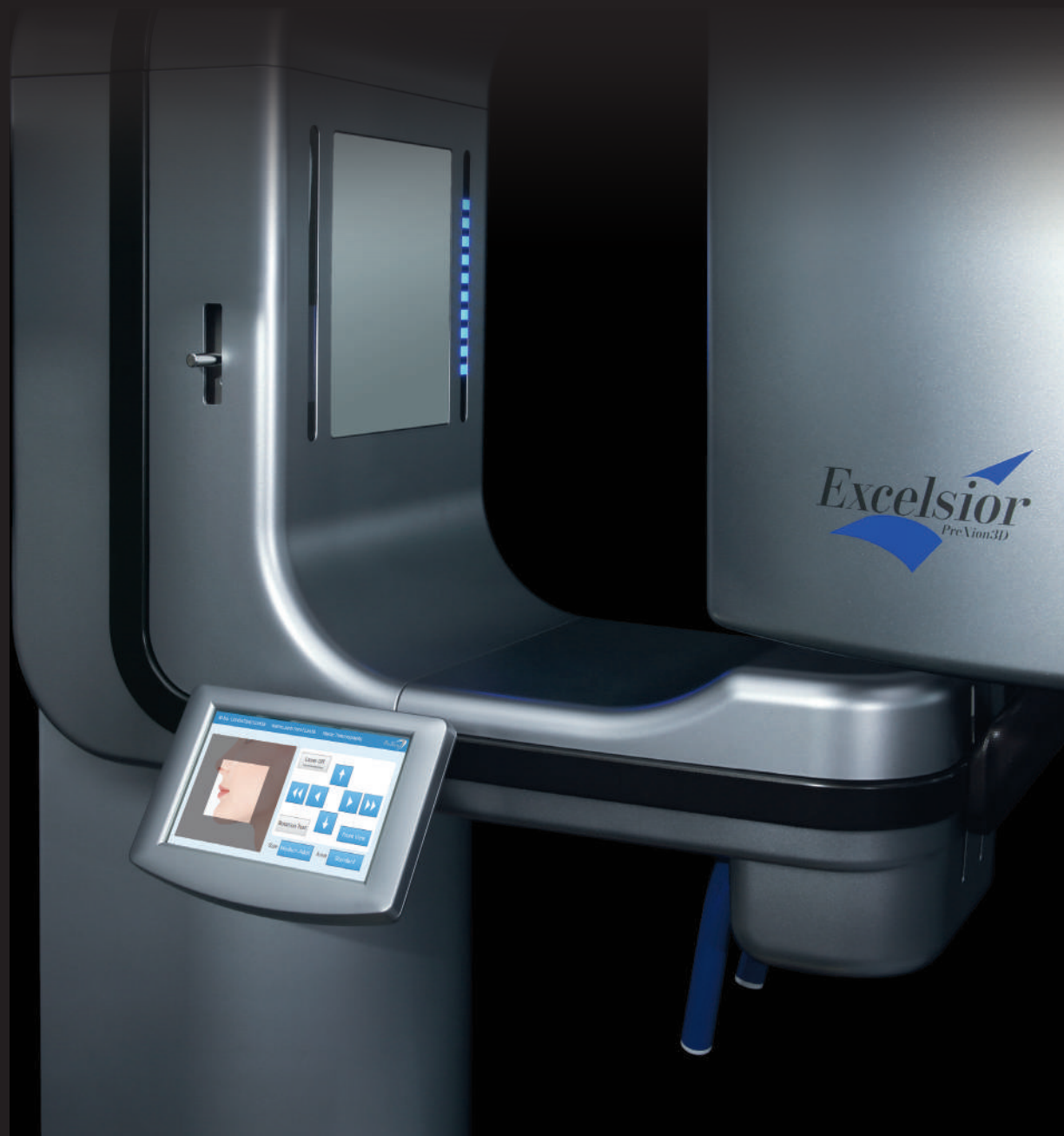
Posterior Anterior
Reverse Towne Projection,
Waters View



Lateral
Lateral Projection, Pediatric
Lateral Projection
30x25cm (12x10")



Carpus





Make IT Visible – The Power of PreXion’s Service



Improving image quality with exclusive innovative technologies.

PreXion is committed to excellence in service and support. A true industry leader understands that reputations are earned one customer at a time. PreXion has repeatedly provided a uniquely exceptional experience in the market for over 15 years with an uncompromising dedication to product reliability, service and support. From cutting-edge technology, industry-leading response times and an expansive KOL support network, PreXion takes pride in delivering complete customer satisfaction.

PreXion 5-Star Service Guarantee

1. Both online and in-office service and training performed by PreXion company technicians.
2. Periodic software upgrades to meet expanding clinical offerings and demands.
3. Continuing learning opportunities via educational courses and seminars.
4. Fast, reliable support call center to minimize disruption and maximize user satisfaction.
5. Industry’s best warranty, featuring comprehensive coverage of the machine, including the x-ray tube head and the flat panel detector.



Lou Graham DDS FAGD, USA

“Over 5 years ago, I bought my second CBCT and it was a PreXion. Over these past 5 years, the training and service have been second to none and if you’re investing in such a piece of equipment, it is essential both of these criteria be 100%. Add the great images and easy software interface, my entire multi-specialty users just love our unit. This company walks the walk for its clients and continues to set the bar for anyone interested in purchasing a CBCT.”



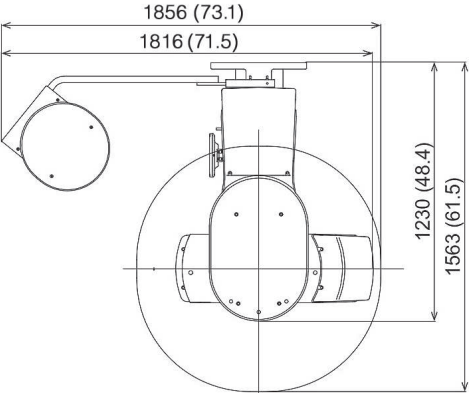
With Cephalometric sensor unit

		Excelsior Pro	Excelsior Plus	Excelsior Ex
FOV	150 × 130 mm	Optional upgrade	Optional upgrade	Optional upgrade
	150 × 81 mm		Optional upgrade	Optional upgrade
	100 × 81 mm			Optional upgrade
	100 × 50 mm			
	50 × 50 mm			
Volume size	1024 × 1024 × 1515	Optional upgrade	Optional upgrade	Optional upgrade
	1024 × 1024 × 816			Optional upgrade
	512 × 512 × 512			
Cephalometric X-ray		Option	Option	Option

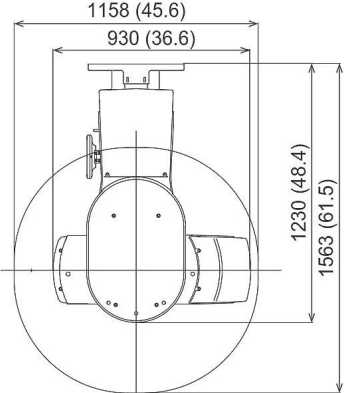
Maximum FOV(150×130) is with vertical stitched.

FOV Diameter by Height)	(Standard mode, High Definition(HD) mode, Ultra High Definition(UHD) mode) ø100 mm x H81 mm, ø100 mm x H50 mm, ø50 mm x H50 mm, ø150 mm x H81 mm			
	(Complete mode) ø150 mm x H130 mm			
	(Rapid mode) ø100 mm x H81 mm, ø100 mm x H50 mm, ø50 mm x H50 mm			
	(CT-TMJ mode) ø100 mm x H81 mm x 2			
	(CAD CAM mode) ø100 mm x H50 mm			
Scan Mode	(CT) Standard mode: 9.6sec, Rapid mode: 5.2sec(Half), High Definition(HD) mode: 12.8sec, Ultra High Definition(UHD) mode: 17.9sec, 23.6sec, Wide mode: 9.6sec, CT-TMJ mode: 5.2sec x 2, CAD CAM mode: 17.9sec			
	(Panoramics) Standard mode: 10sec, TMJ 2 mode: 4sec x 2, TMJ 4 mode: 4sec x 2 x 2			
	(Cephalometrics) LA mode: 0.5-0.8sec, PA mode: 0.5-0.8sec, Carpus mode: 0.5-0.8sec			
X-Ray	Focal Point	0.3 mm x 0.3 mm	FPD	(CT) FPD, 16bits (Cephalo) FPD, 14bits
	Tube Voltage	60 - 110kV	Voltage	100-120V, 50/60Hz Single Phase, 1.4kVA
	Tube Current	1 - 6.0mA	Patient Position	Standing/Wheel chair accessible

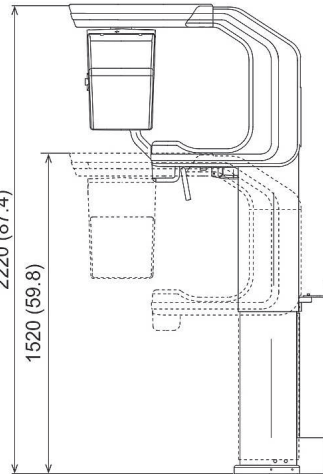
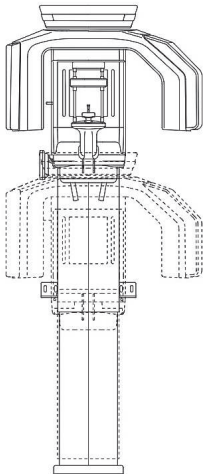
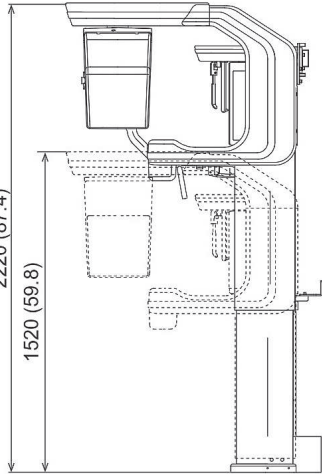
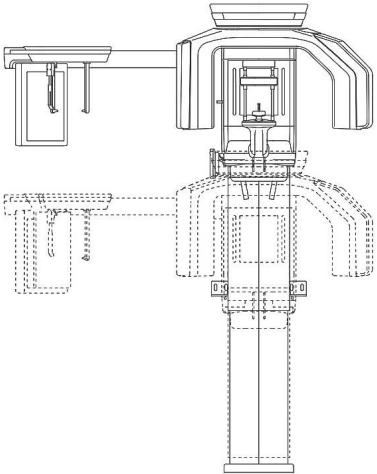
Dimensions



Unit of length : mm (inch)



Unit of length : mm (inch)



With Cephalometric Sensor Unit

Without Cephalometric Sensor Unit



PreXion 3D Elite



PreXion 3D Eclipse



PreXion 3D Excelsior

2007

2013

2017

Innovation Timeline



Imaging Technology Moving You Forward

PreXion Corporation is a Japanese company specializing in medical imaging research and development. Since our company was founded in 2007 as a spin-off from TeraRecon, Inc. we have been developing and distributing Dental Cone Beam CTs in the US and abroad. With our advanced accumulated imaging technologies, we succeeded in developing the world's first photoacoustic imaging system using NIR-LED as a light source. We are committed to continuously developing new technologies to contribute to human health throughout the world. We accomplish this through our company philosophy of "Make IT Visible" coupled with our entrepreneurial spirit.

Who we are.



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*Product specifications and functions may change without prior notice. PJ003/2105 EN1