

CBCT, Panoramic, Cephalometric, Model Scanning

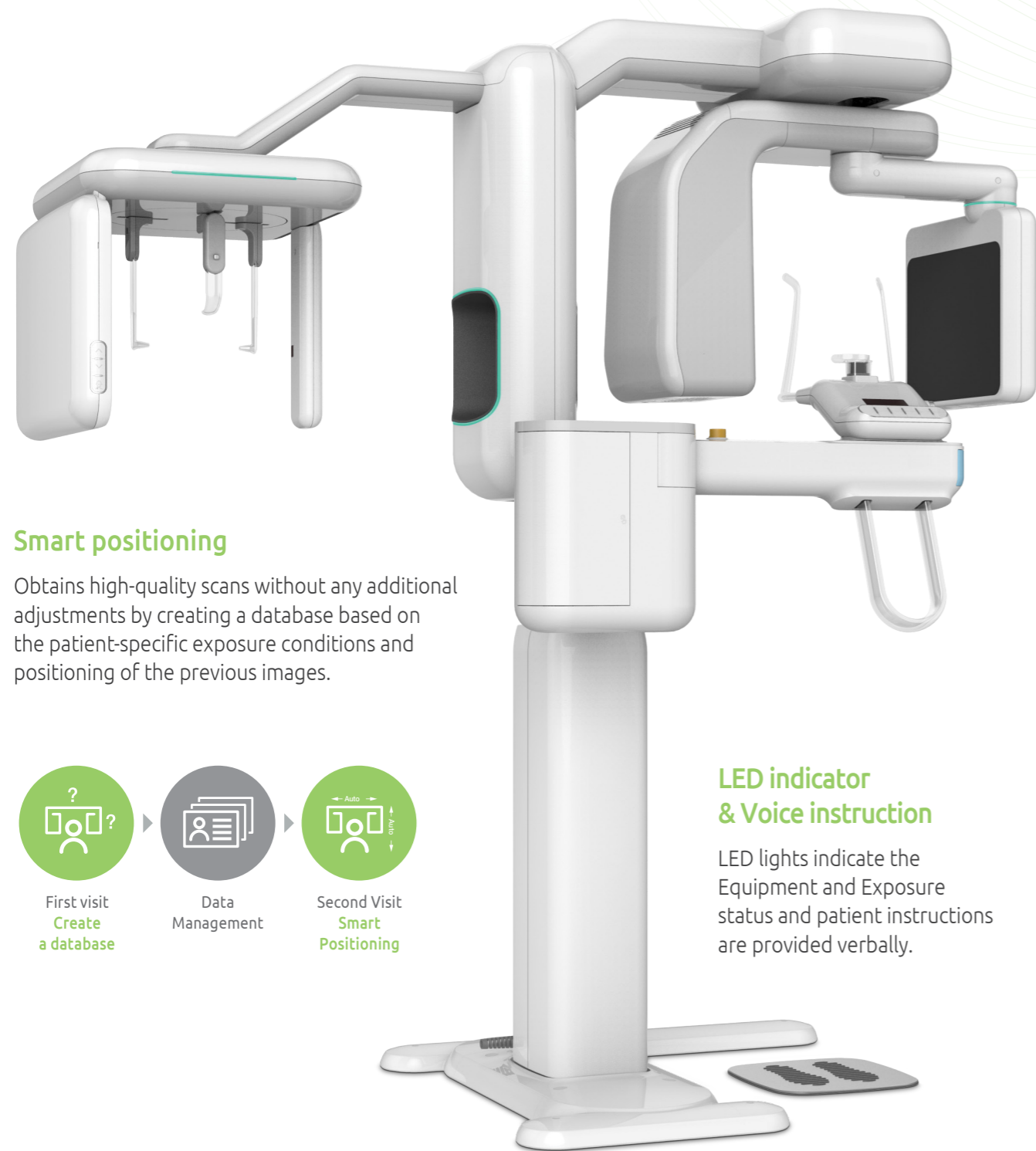
PAPAYA 3D Premium



 **GENORAY**

PAPAYA 3D Premium

An upgraded 4 in 1 (CBCT, Panoramic, Cephalometric, Model Scanning) unit, it provides accurate and detailed images for treatment, implants, and orthodontic diagnostics.



Smart positioning

Obtains high-quality scans without any additional adjustments by creating a database based on the patient-specific exposure conditions and positioning of the previous images.

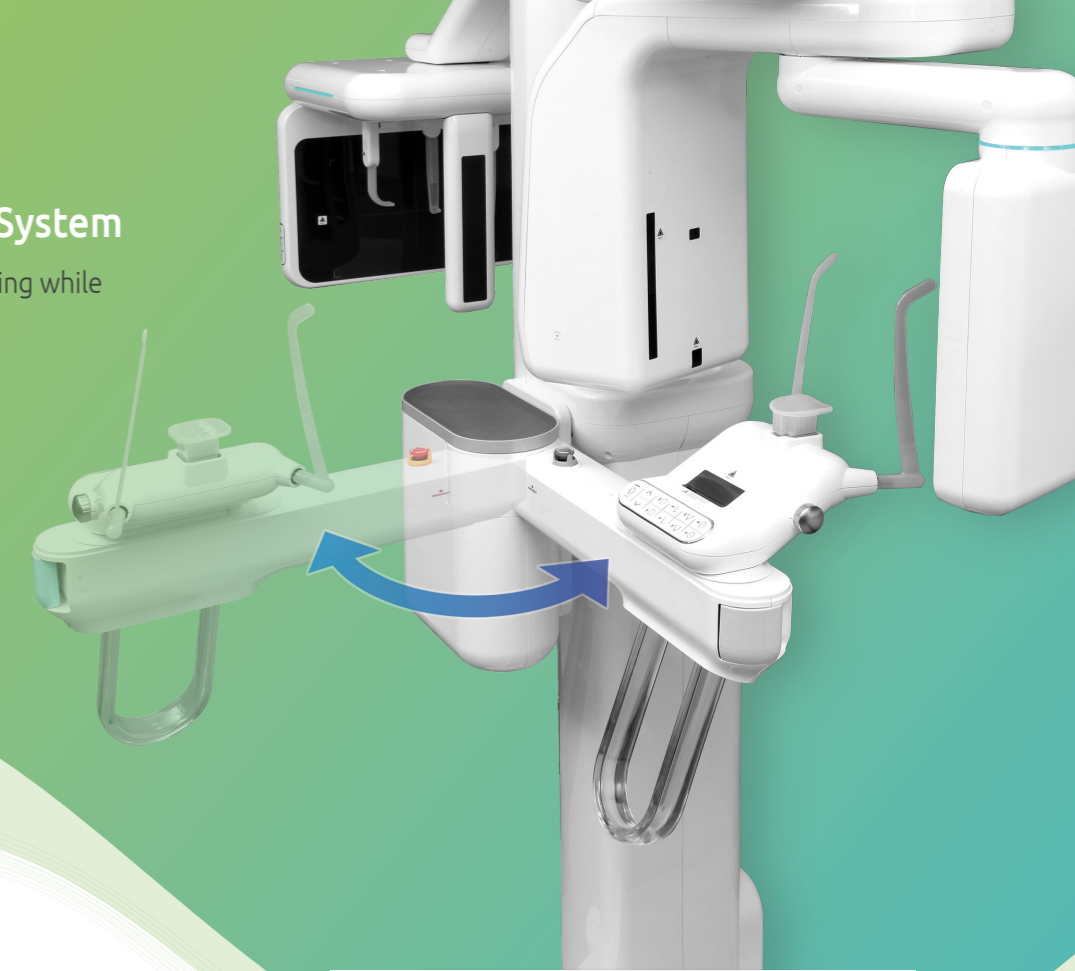


LED indicator & Voice instruction

LED lights indicate the Equipment and Exposure status and patient instructions are provided verbally.

Foldable Chinrest System

Convenient patient positioning while saving room space.



Chair *Optional

Minimizes the patient's movements to help reduce patient's motion artifacts.



One-Shot Cephalometric system provides distortion-free images with minimal motion artifacts.



Easy access for disabled patients.

Panoramic

Multi Focus

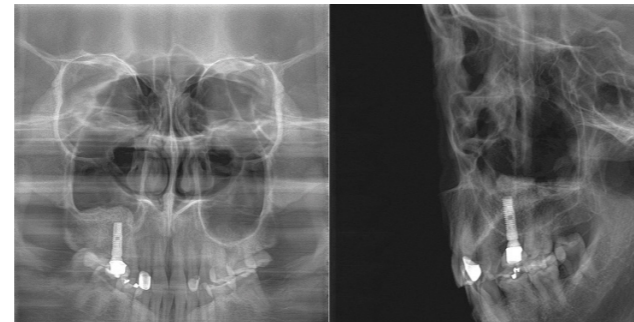
Helps acquire the best optimized image from the multiple panoramic images acquired.

Multiple Exposure Modes for the Panoramic

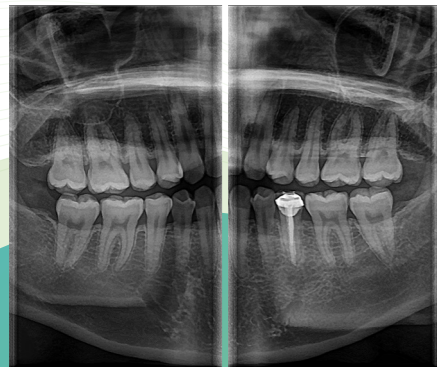
- Standard panoramic
- Orthogonal panoramic
- Bitewing panoramic
- TMJ PA double
- TMJ LAT-PA double
- Sinus lateral and sinus PA
- Child panoramic
- TMJ lateral double
- TMJ LAT-PA
- Horizontal & vertical
- X-ray segmentation



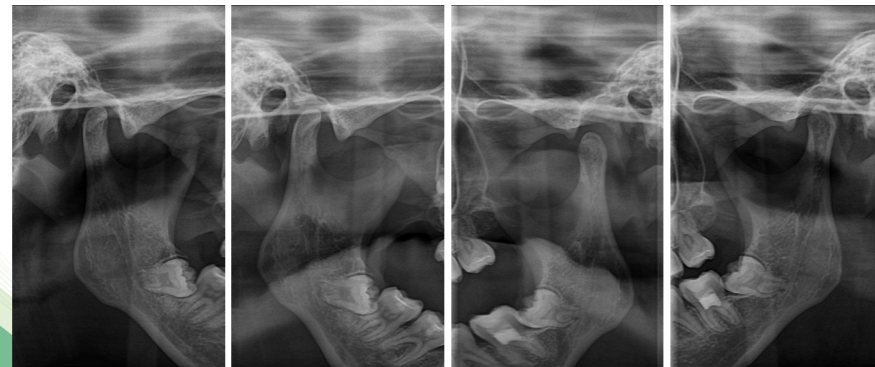
Standard Panoramic



Sinus PA / Sinus Lateral Midsagittal



Bitewing



TMJ (Lateral Double)

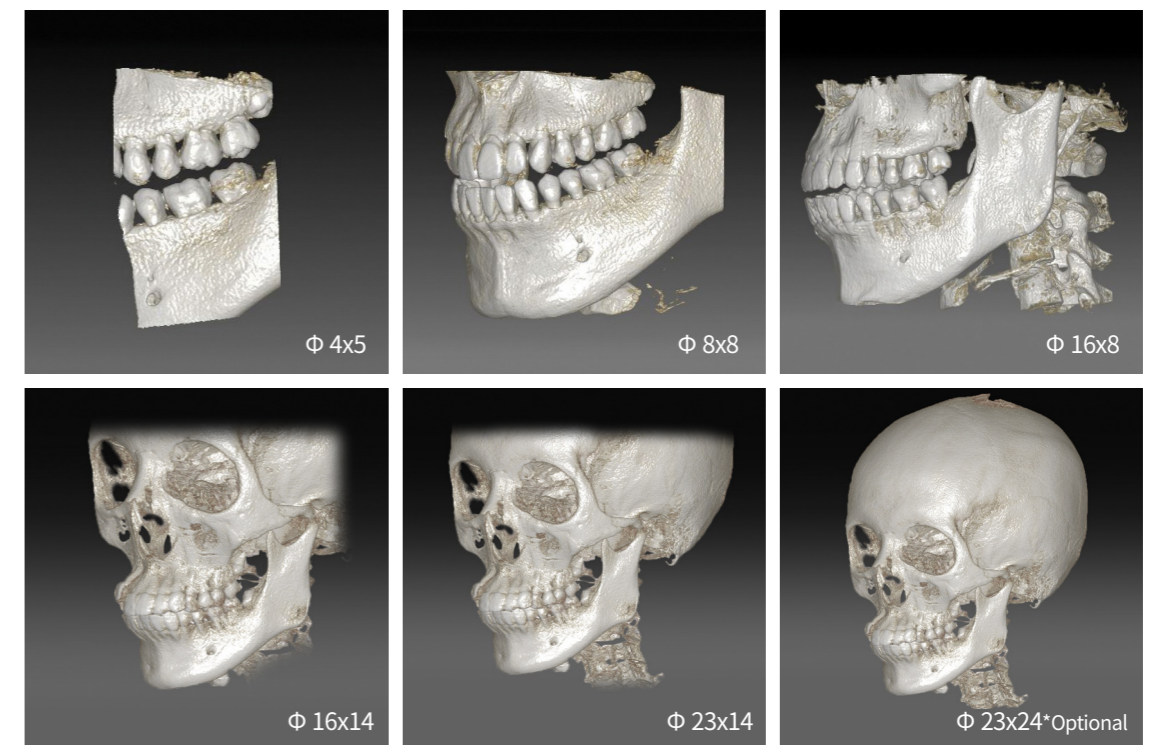
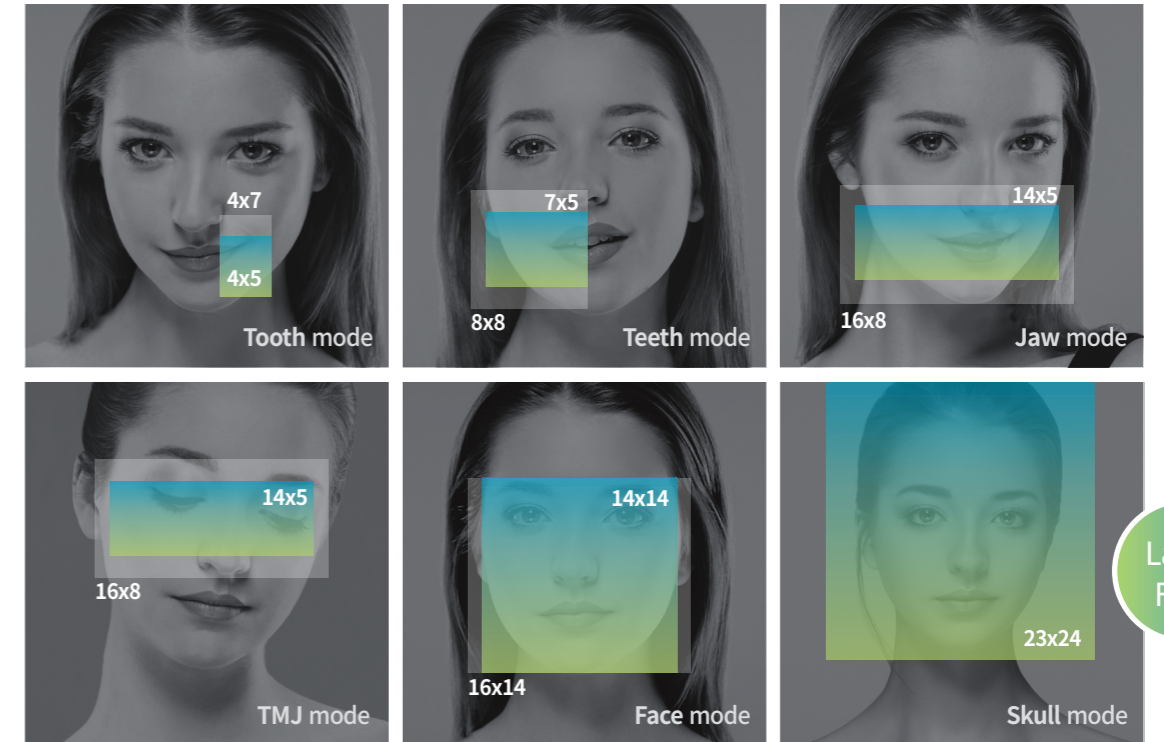


Pediatric Standard Panoramic

3D CBCT

Free & Dose Reduction

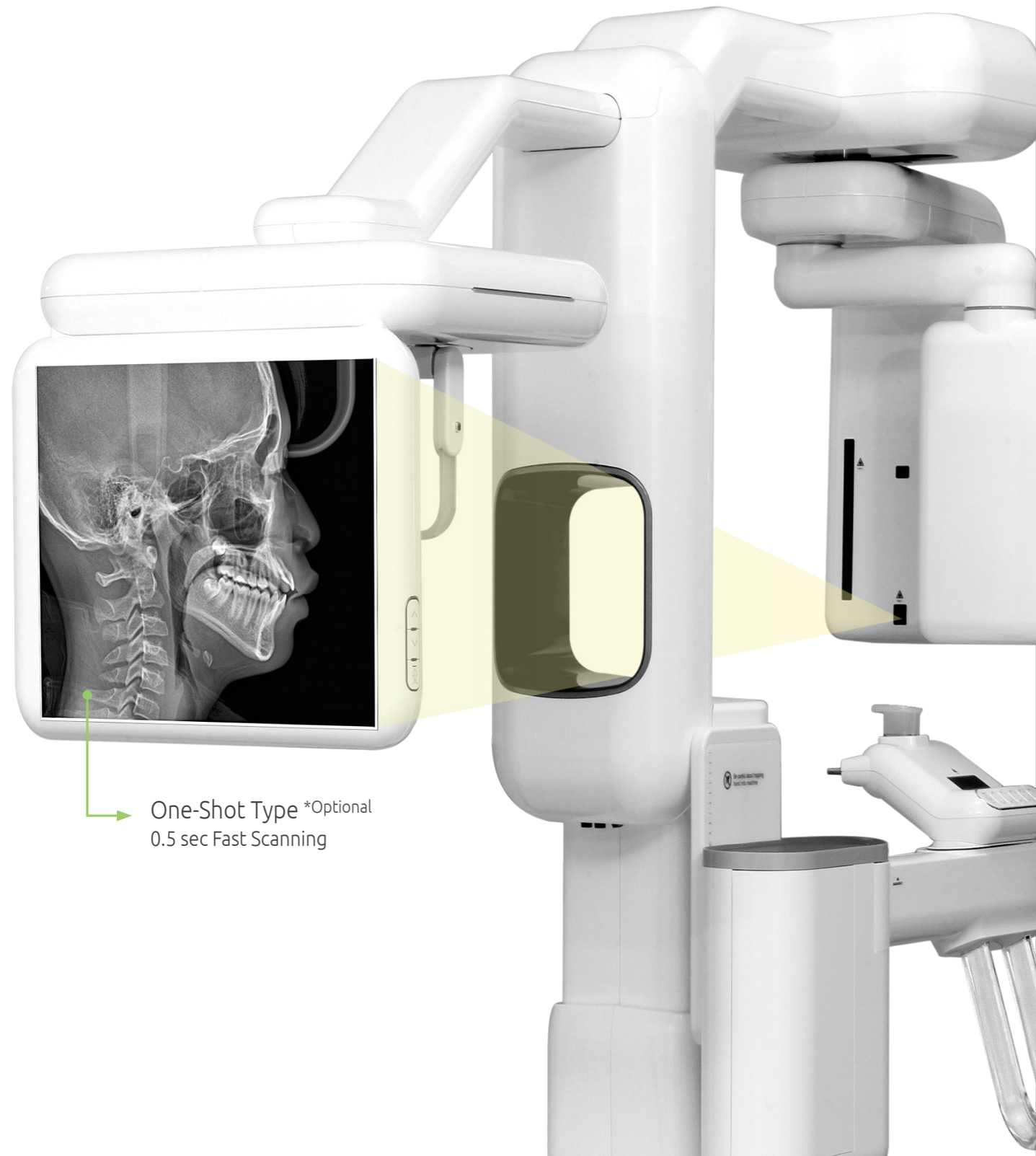
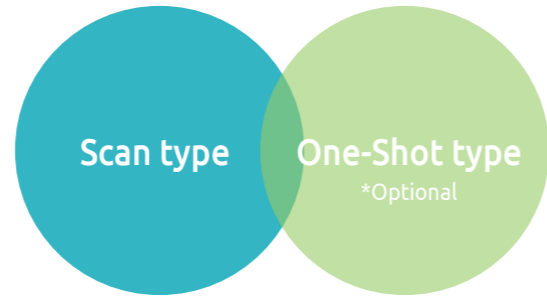
Provides various FOV sizes and resolutions for all diagnostic needs. Produces optimized images with minimal radiation exposure.



Cephalometric

High Resolution Technology

The intercolumn hole structure is designed for optimal balance and efficiency.



One-Shot Type *Optional
0.5 sec Fast Scanning



Ultra fast mode (2 sec)

Normal mode (8 sec)

Various Radiation Exposures



HD



Normal



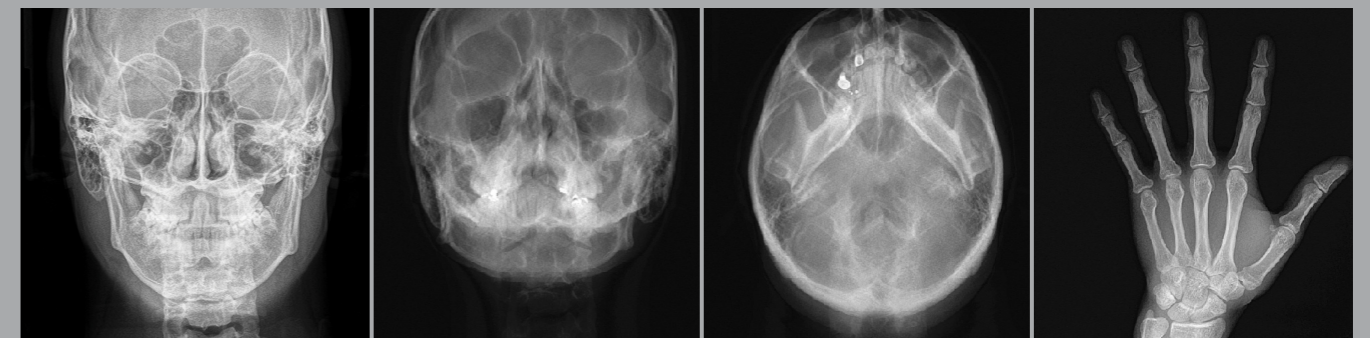
Fast



Ultra fast

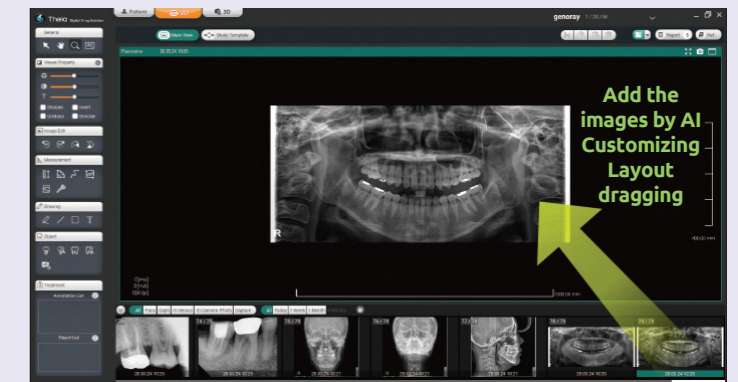
Multiple Exposure Modes for Cephalometric

Lateral, AP, PA, Water's view, Submento vertex and Carpus

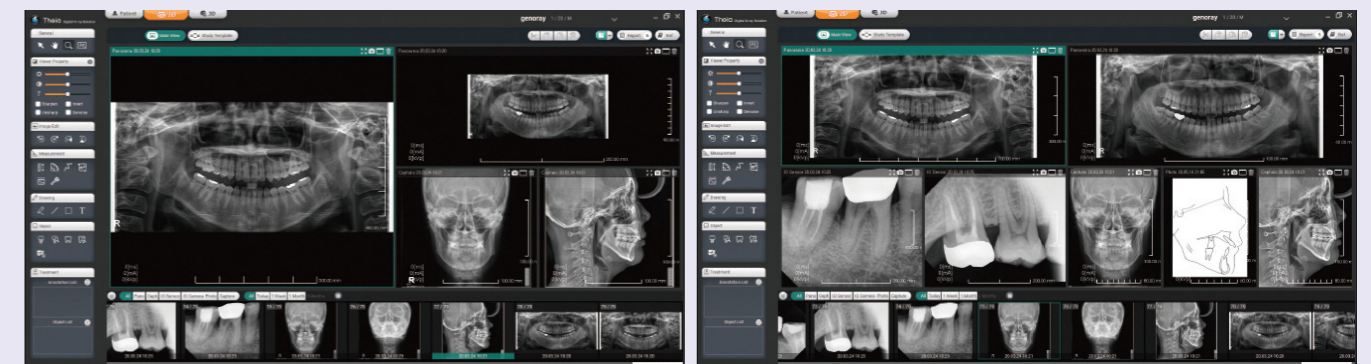




AI Customized Layout

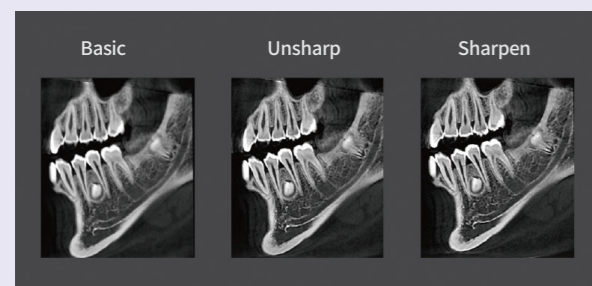


Easy formation and layouts with simple drag



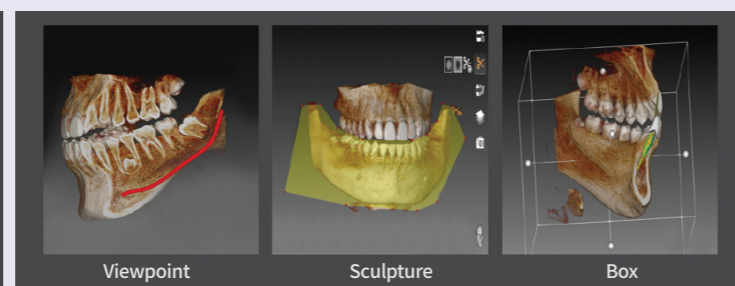
9 (Maximum) images available to be shown at a glance

Real-time Image Reconstruction



Real-time image processing available

Clipping



Excellent cross-sectional view in the desired direction by the user with high Volume Render Quality

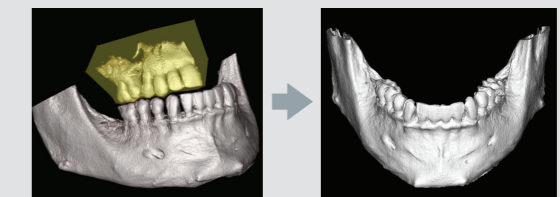
Improved image processing

SMARF™ (Smart Metal Artifact Reduction Function) minimizes the effect of metal artifacts caused by prosthetics to prevent image degradation.

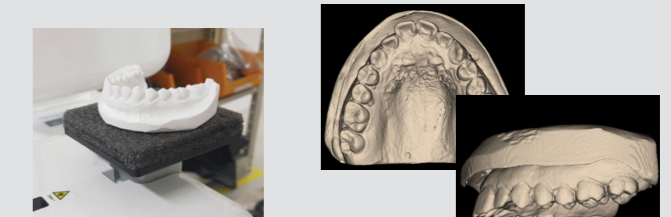


STL Export

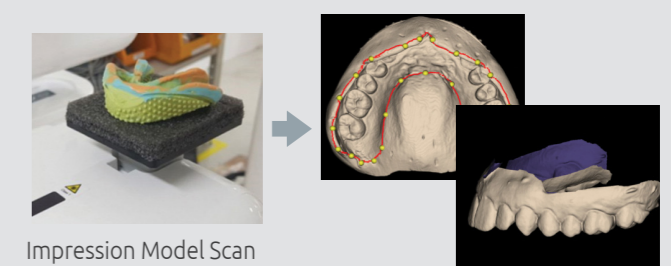
Enables 3D printer and CAD/CAM to be used by converting 3D images to STL data.



Patient Scan



Stone Model Scan

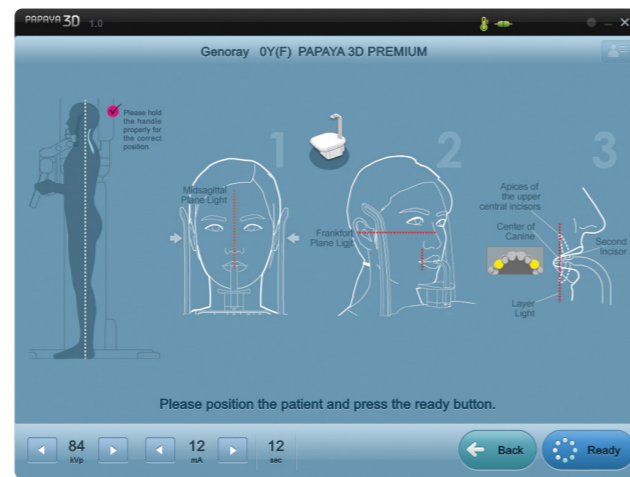


Impression Model Scan

PAPAYA 3D Premium Operation Software



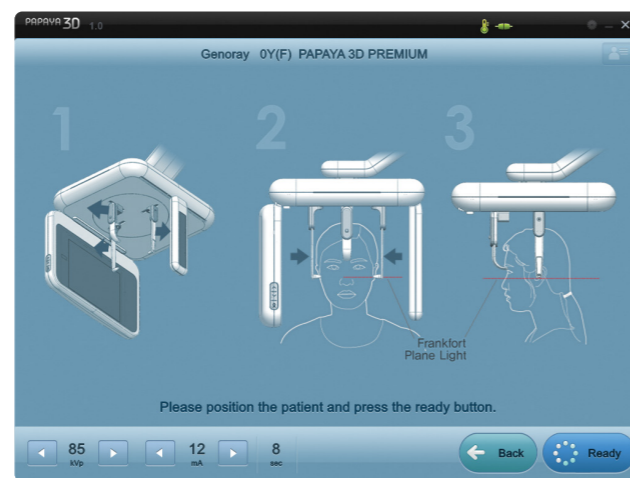
Auto-positioning function



Panoramic patient positioning guide



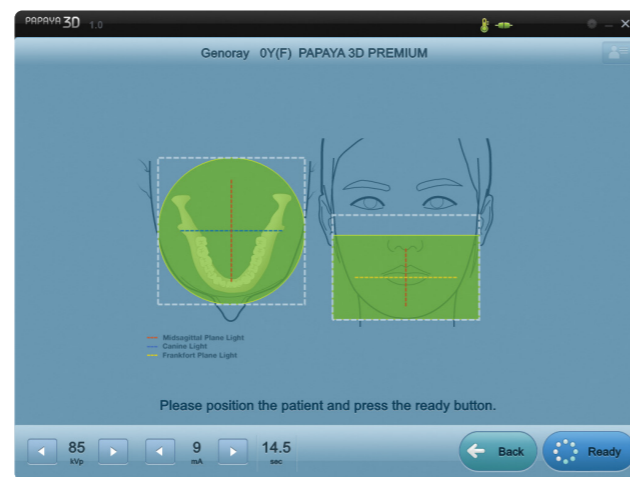
Cephalometric mode



Cephalometric patient positioning guide



CBCT mode



CBCT patient positioning guide

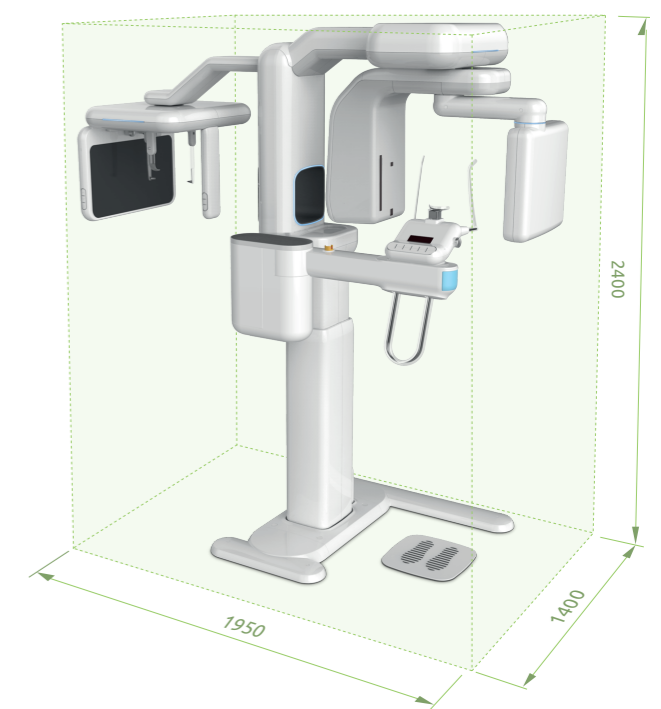
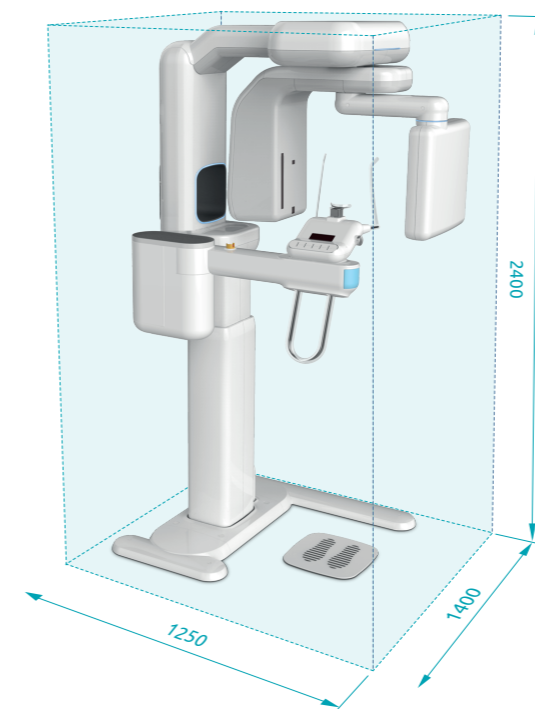
General Specifications

Items	Option	FOV/ROI (max, mm)	Voxel (μm)	Detector		Exp. Time (sec)
				Pitch (μm)	Size (mm)	
CT	NV	40 x 50 ~ 160 x 140	75~400	100 x 100	130 x 130	7.7 / 14.5
	LV	40 x 50 ~ 230 x 245	75~400	179 x 179	229 x 229	7.7 / 14.5
Cephalometric	SC	300 x 225	-	75 x 75	228 x 6.5	2 ~ 12
	OS	317 x 235	-	124 x 124	310 x 230	0.5 ~ 3.0
Panoramic	PX	-	-	75 x 75	152 x 6.5	9 ~ 17

NV (Normal Volume), LV (Large Volume), SC (Scan Ceph.), OS (One-Shot Ceph.)

Focal Spot	0.5 mm
Target Angle	5°
Tube Voltage	60 ~ 90 kV
Tube Current	4 ~ 12 mA
Line Voltage	100-240V, 50/60 Hz

Dimensions





GENORAY Co.,Ltd.

T +82-31-5178-5500
E genoray@genoray.com
W www.genoray.com

GENORAY America Inc.

T +1-855-436-6729
E inquiry@genorayamerica.com
W www.genorayamerica.com

GENORAY EU GmbH

T +49-30-50969498
E info@genorayeuropa.com
W www.europe.genoray.com

GENORAY Japan

T +81-45-620-4971
E Info@genorayjapan.co.jp
W www.genorayjapan.co.jp

GENORAY Türkiye

T +90-216-463-57-37
+90-216-463-57-53
E genorayturkiye@genoray.com

GENORAY Shanghai

T +86-021-6785-8538
W www.genoray.com.cn



* This X-ray unit may be dangerous to patient and operator unless safe exposure factors and operating instructions are observed.

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