

Explore the future

GT300



 **GENORAY**

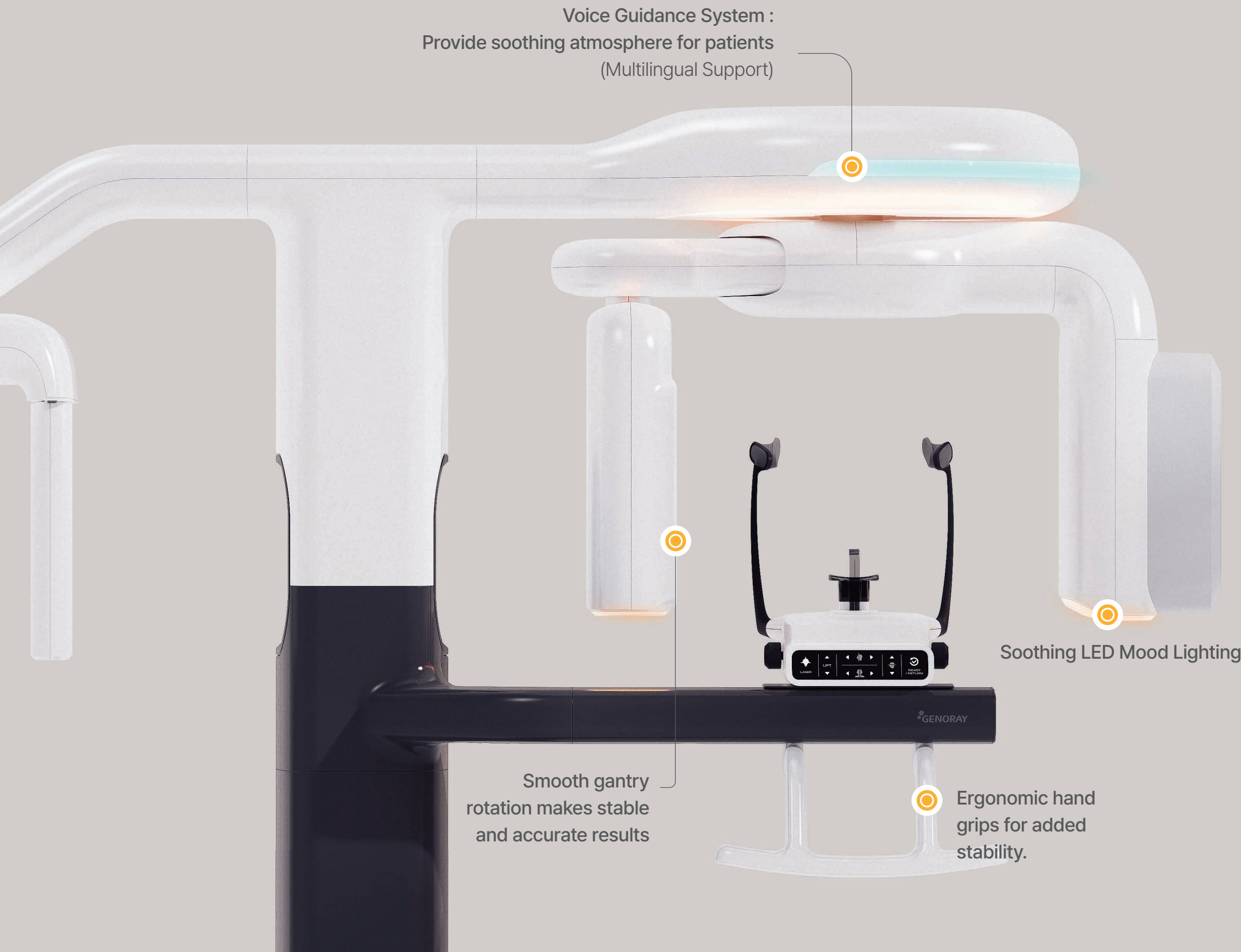
GT300



Experience the future of dental imaging today,
where clarity meets accuracy

Perfect Balance Between Comfort and Practicality

Highlight



Voice Guidance System :
Provide soothing atmosphere for patients
(Multilingual Support)

Soothing LED Mood Lighting

Smooth gantry
rotation makes stable
and accurate results

Ergonomic hand
grips for added
stability.

Large FOV (Field of View)

GT300 provides precise and thorough diagnostic capabilities with Max. 20×11 FOV

Enhanced Safety & Perfect Imaging

Pulsed mode: High-quality imaging,
low-dose for patient safety

Smart Positioning

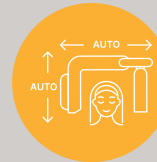
Automatically saves patient data, allowing for
quick and hassle-free repositioning during
follow-up visits.



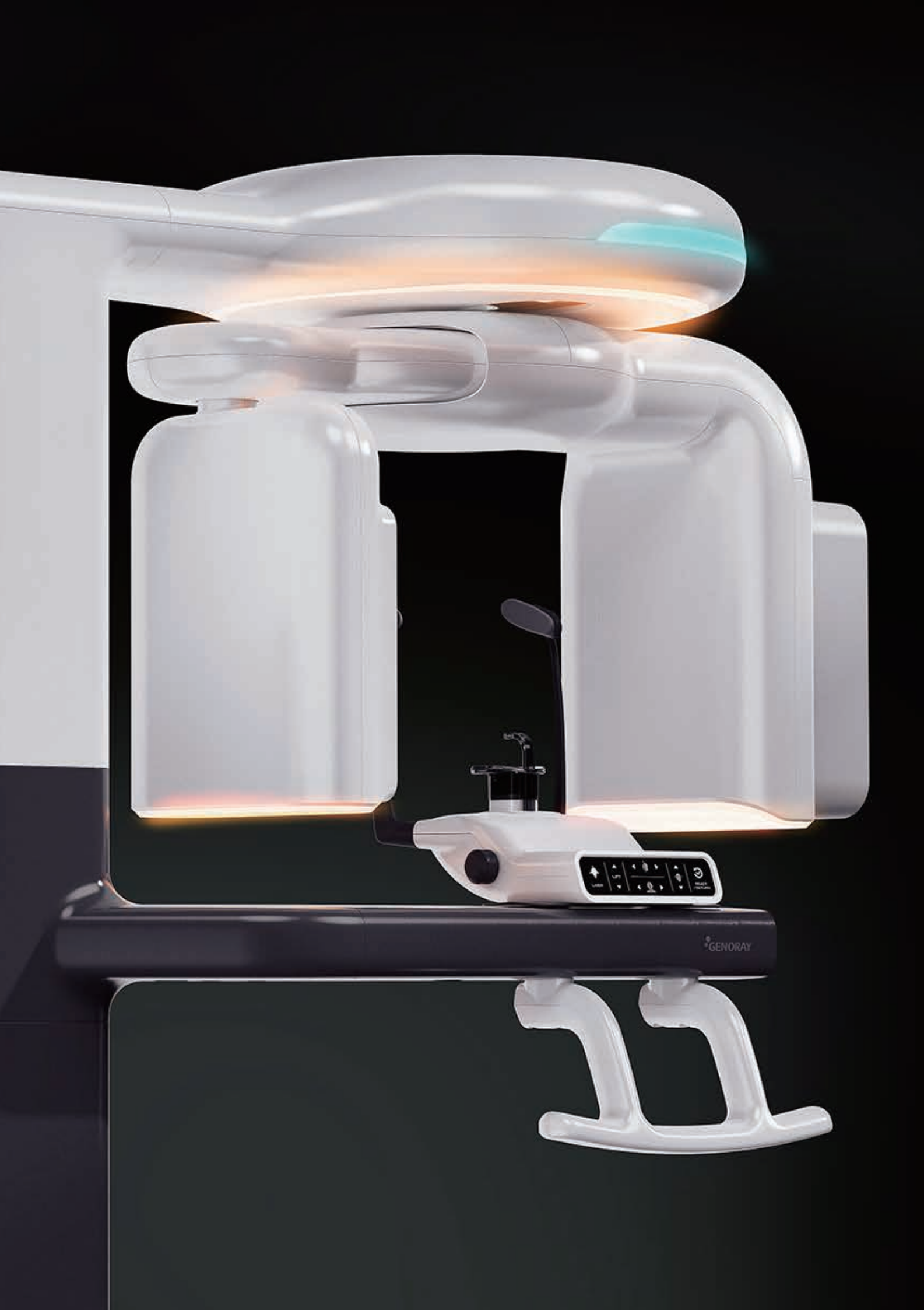
Initial Measurement
of Patient Data



Storing
Patient Data



Automatic
Positioning
on Return Visits



CBCT

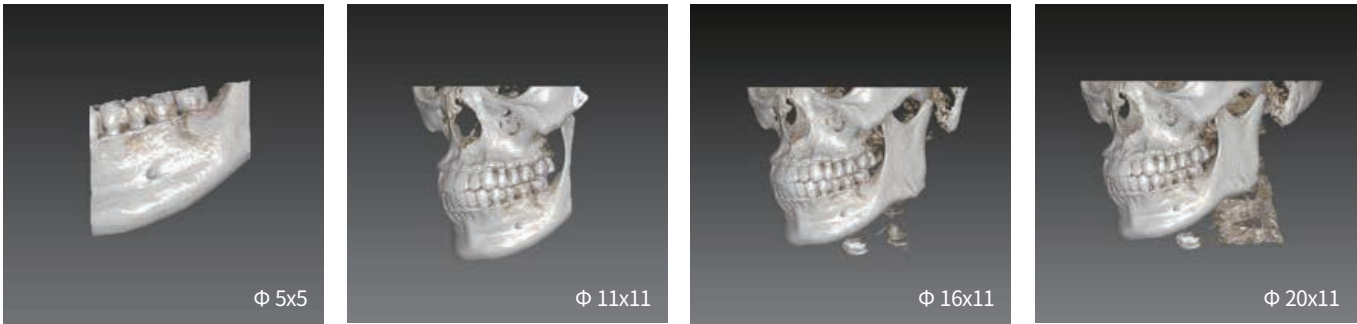
Provides essential FOV options to meet your diagnostic requirements.

Multiple FOV Sizes with High Resolution

Optimize imaging quality while significantly reducing radiation exposure.



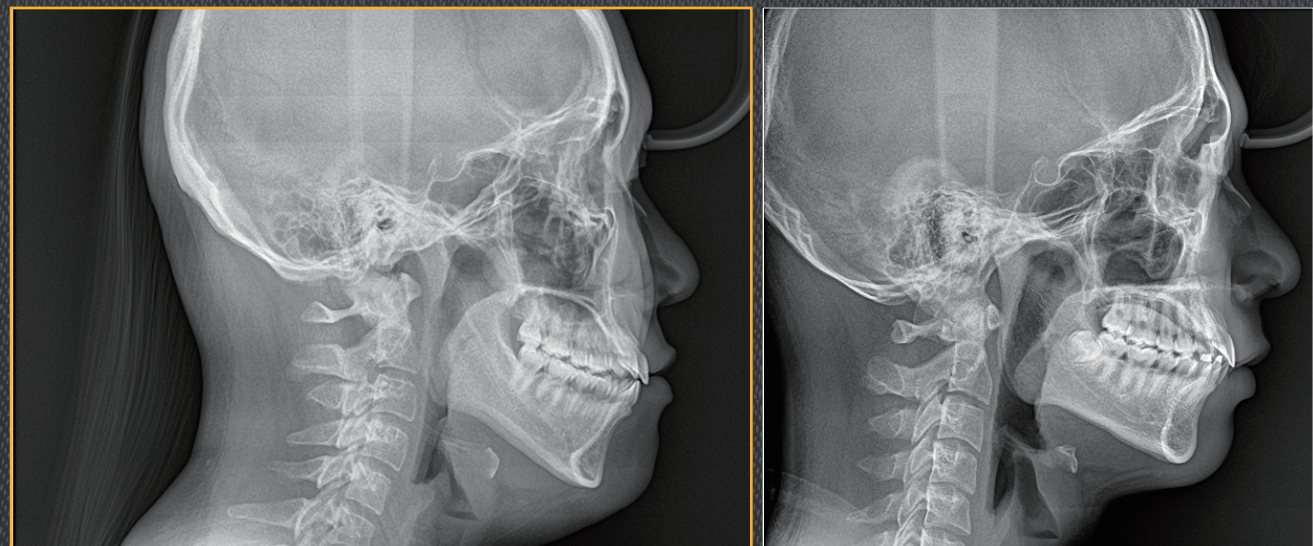
Endo	Teeth	Jaw	Large FOV
5x5	11x11	16x11	20x11 ^{*optional}
65 μm	140 μm	180 μm	180 μm



With Genoray's patented design,
we provide accurate and
distortion-free Cephalometric images

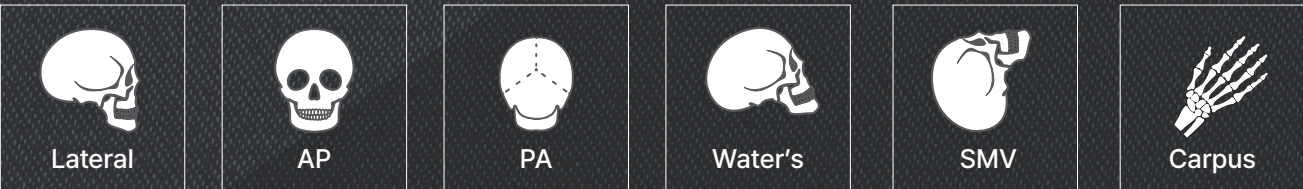
Cephalometric & Panoramic

Various Cephalometric Exposure Modes ^{*optional}



Wide mode

Normal mode



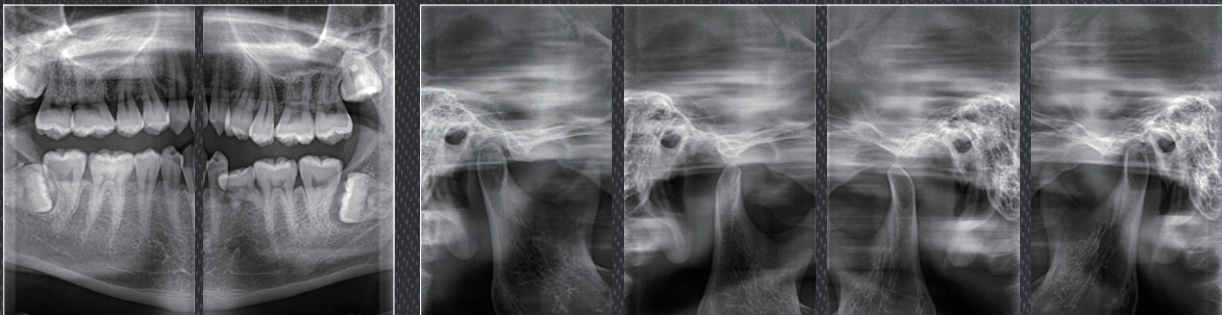
Lateral, AP, PA, Water's view, Submento vertex and carpus

Various Panoramic Exposure Modes

Standard, Orthogonal, Bitewing, TMJ(Lateral, PA, LAT-PA), Sinus(Lateral, Lateral Mid, PA)



Standard panoramic

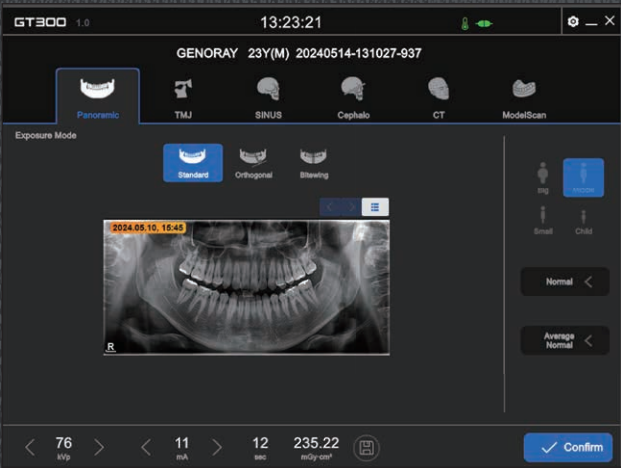


Bitewing

TMJ lateral double

Operation S/W

GT300 has redesigned UI enhances user convenience.



Auto-positioning function



Cephalo mode



CT mode



Model-scan mode



Pano positioning guide



Ceph positioning guide

Theia S/W

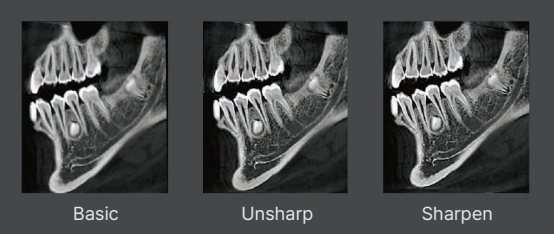
Genoray 3D image viewer
for accurate diagnosis

Theia

Check all information at a glance on the thumbnail layout
Fast access to the viewer and taking images. Real-time image processing technology.

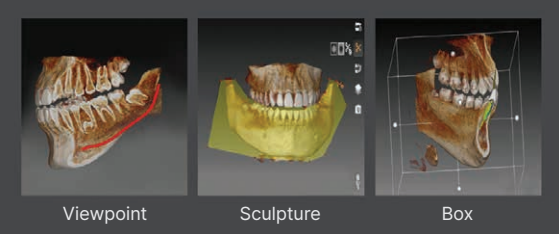


Real-time Image Processing



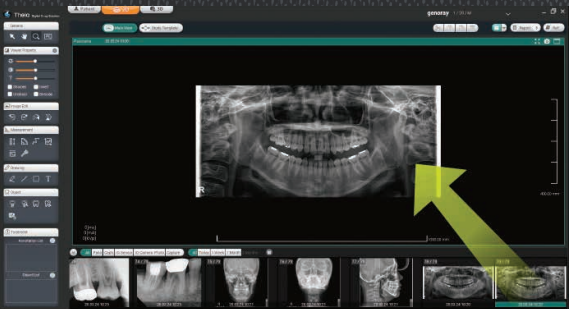
Real-time image processing available with check box tool

Clipping



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

AI Customizing Layout



Free formation and Free Layouts with simple drag



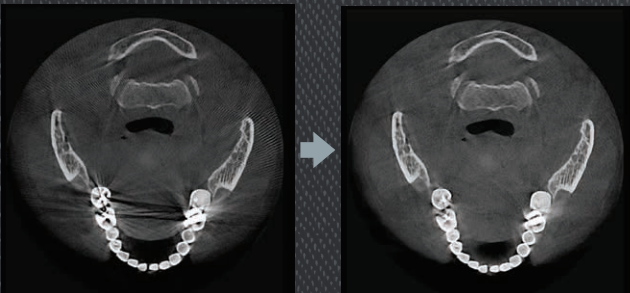
7 images (Maximum 9)

Improved image processing

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

STL Export

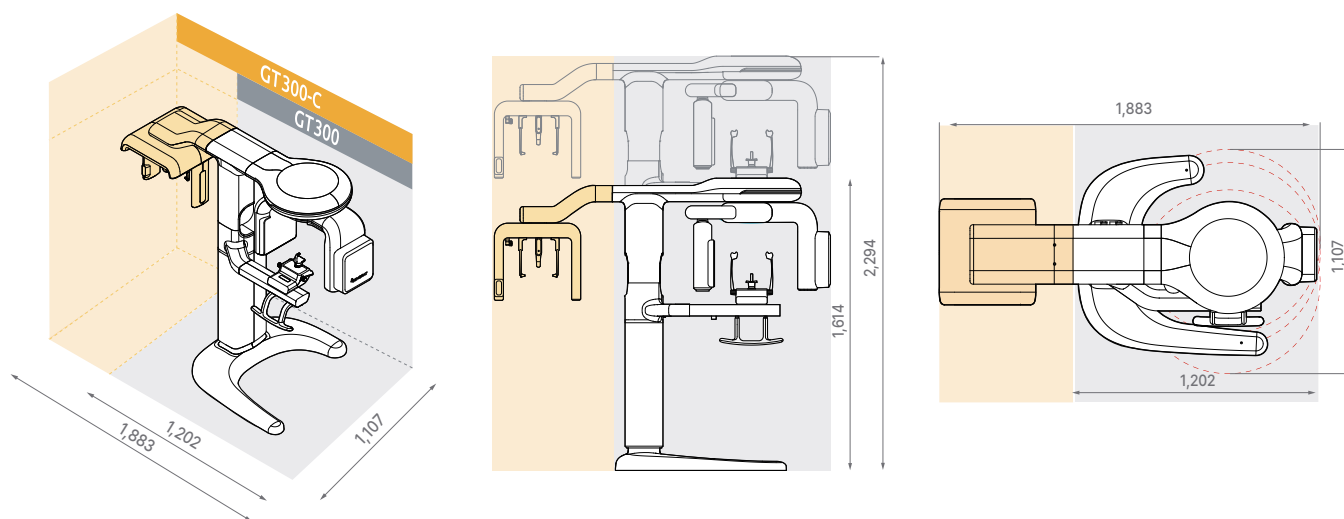
Enable 3D printer and CAD/CAM to be used by
converting 3D images to STL data.



General Specifications

Items	FOV/ROI (mm)	Image Size (max, mm)	Voxel (μm)	Detector		Exp. Time (sec)
				Pitch (μm)	Size (mm)	
CT	50 × 50 ~ 200 × 110	-	65 ~ 300	100 × 100	179.2 × 179.2	1.75 ~ 16.8
Cephalometric	-	316.35 × 227.25	-	75 × 75	227.25 × 6.45	2 ~ 15.5
Panoramic	-	332.1 × 150.4	-	100 × 100	150.4 × 8	2 ~ 17
Focal Spot	0.5mm					
Target Angle	5°					
Tube Voltage	60 ~ 90 kV					
Tube Current	4 ~ 12 mA					
Line Voltage	100 ~ 240 VAC, 50/60 Hz					

Dimensions



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