



[See More](#)

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DENTRI α

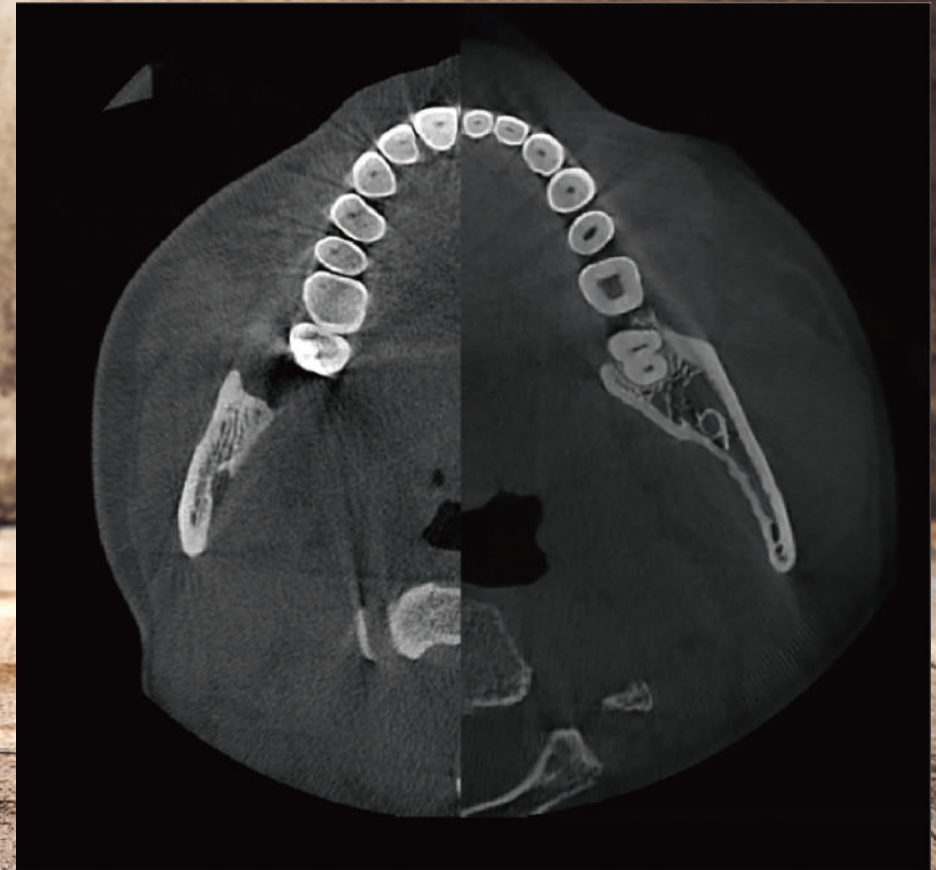
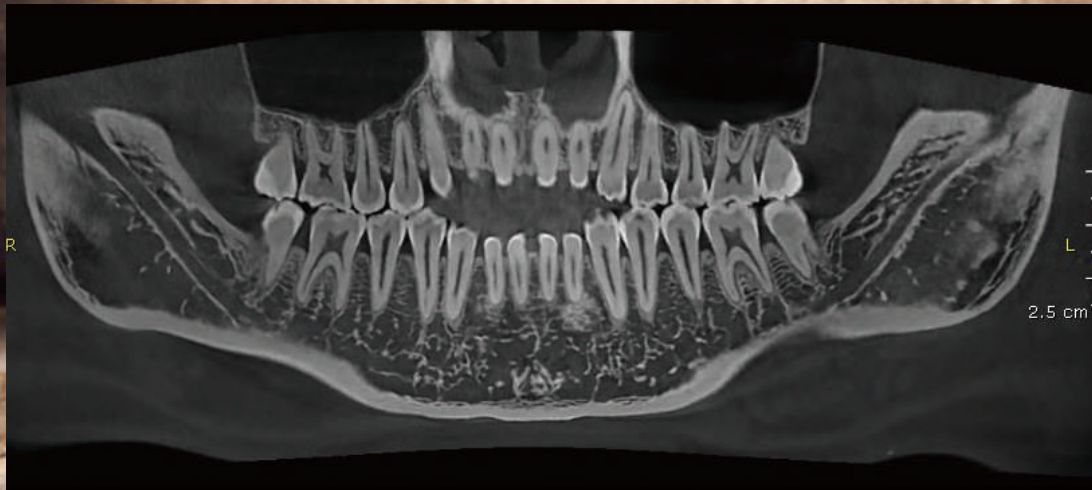
HDX WILL

HDX CYOPTIX

Our **ongoing** software technology development creates striking contrast and sharpness of images. We strive to provide you with the latest technology.

Explore the transition with CYOPTIX

Enhanced Recon Algorithm Applied



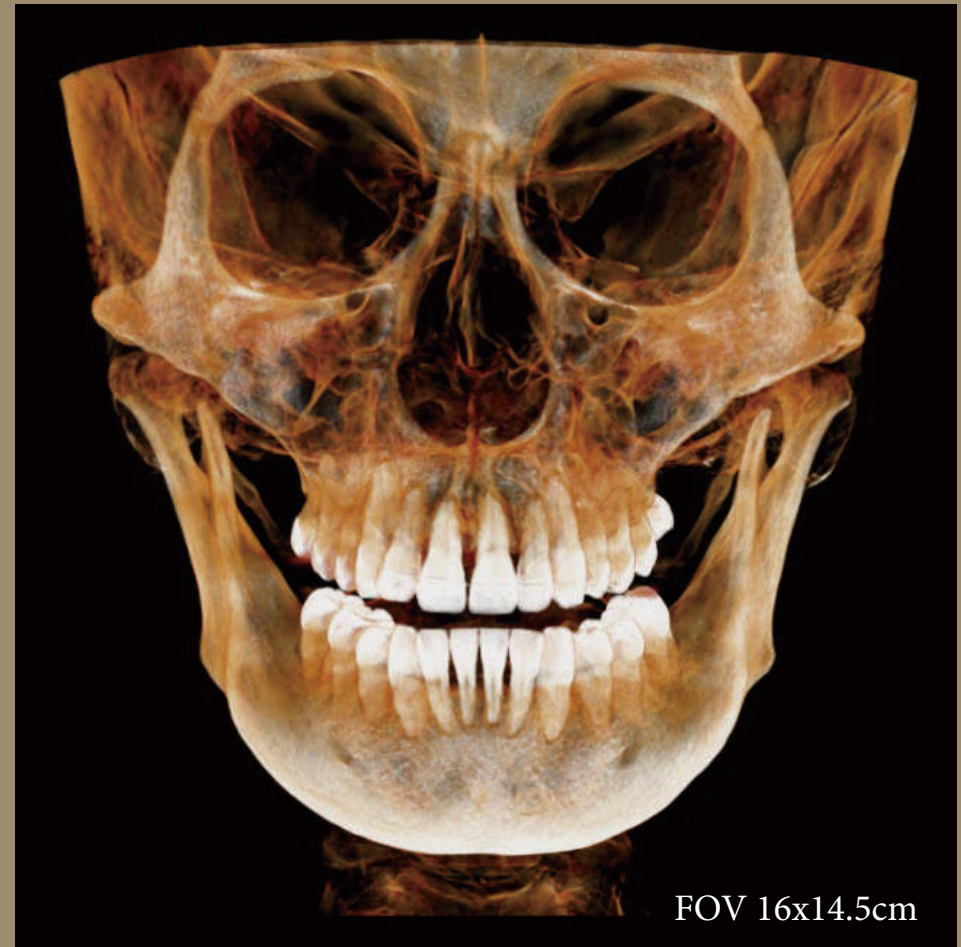
Dentri α^{TM} Classic

Renowned for its Crisp, Ultra-HD imagery, Dentri α Classic will become an indispensable part of your expanding practice. Powerful yet flexible, the Dentri α Classic provides a wide **Field of View (FOV) 16 x 8cm** and crisp panoramic imaging.



Dentri α^{TM} Extended

The Dentri α Extended CBCT expands the **Field of View (FOV) 16 x 14.5cm**. Extended allows for an expanded view of facial structures, sinus, TMJ, and dentition with the quality images Dentri α provides.



Free Field of View

Capture **ANY SIZE** for diagnosis

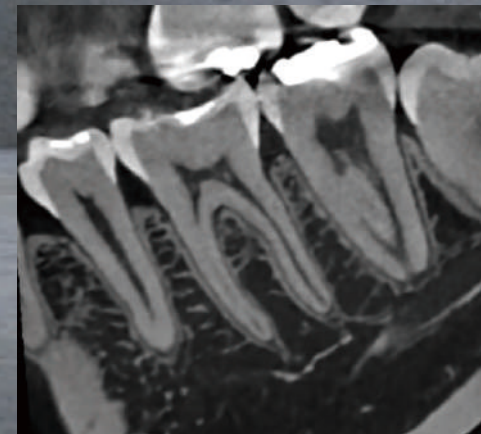


Implant evaluation



Buccal View In-Occlusion

Voxel Size

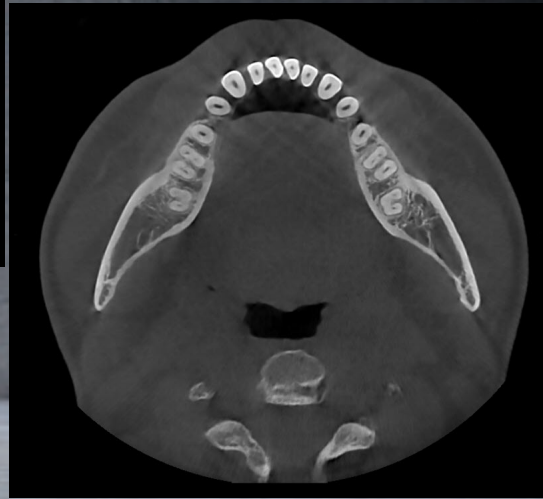


Precise Diagnosis
Min 0.1mm voxel size

Ultra Fast Scan



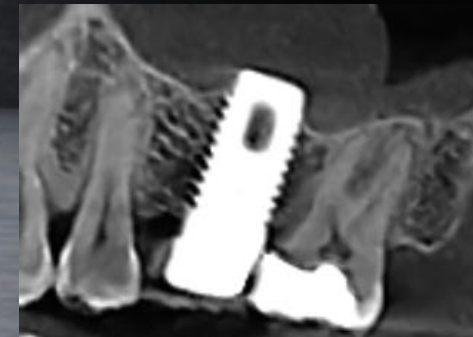
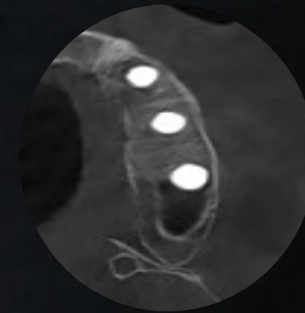
Normal Scan



Ultra Fast Scan

Ultra Fast Scan- Reduces motion artifacts and lowers radiation dose

Metal Artifact Reduction

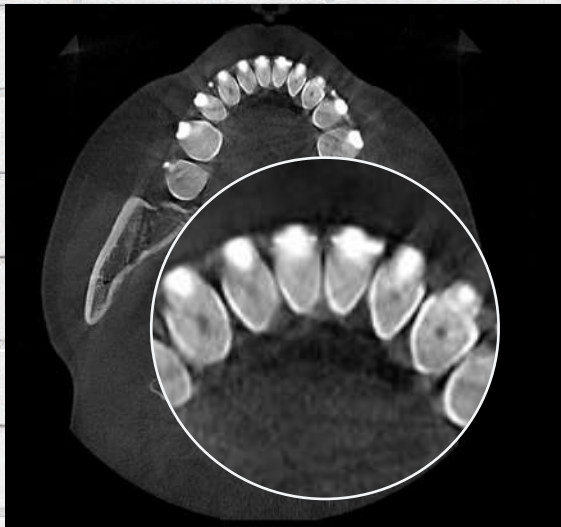


MAR- Reduces metal artifacts for diagnosis

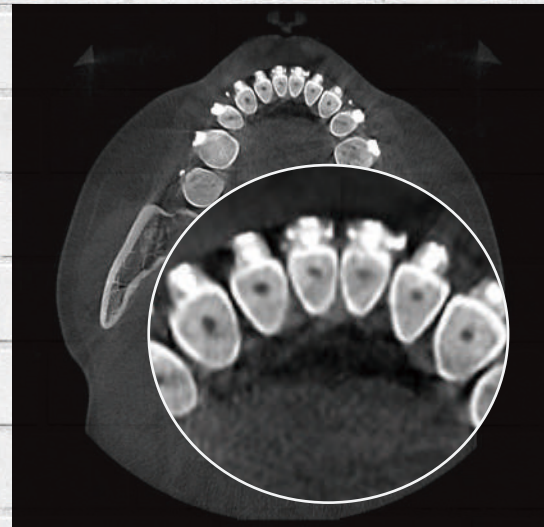
PrecisionMAR™ (Optional)

Our newest algorithm offers unprecedented clarity around metal, improving diagnostics and planning.

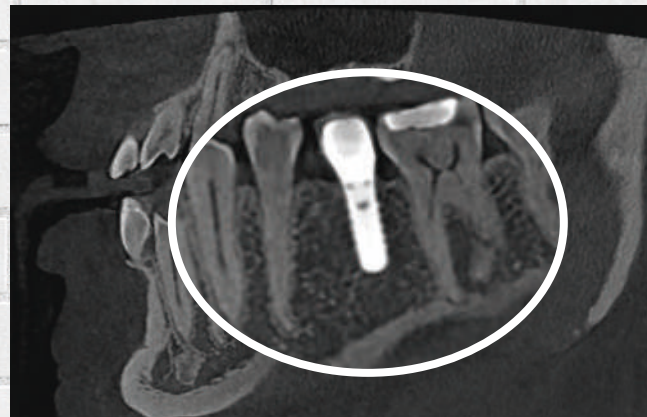
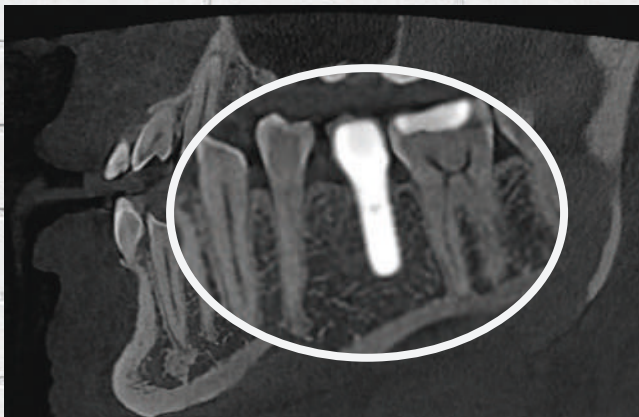
MAR



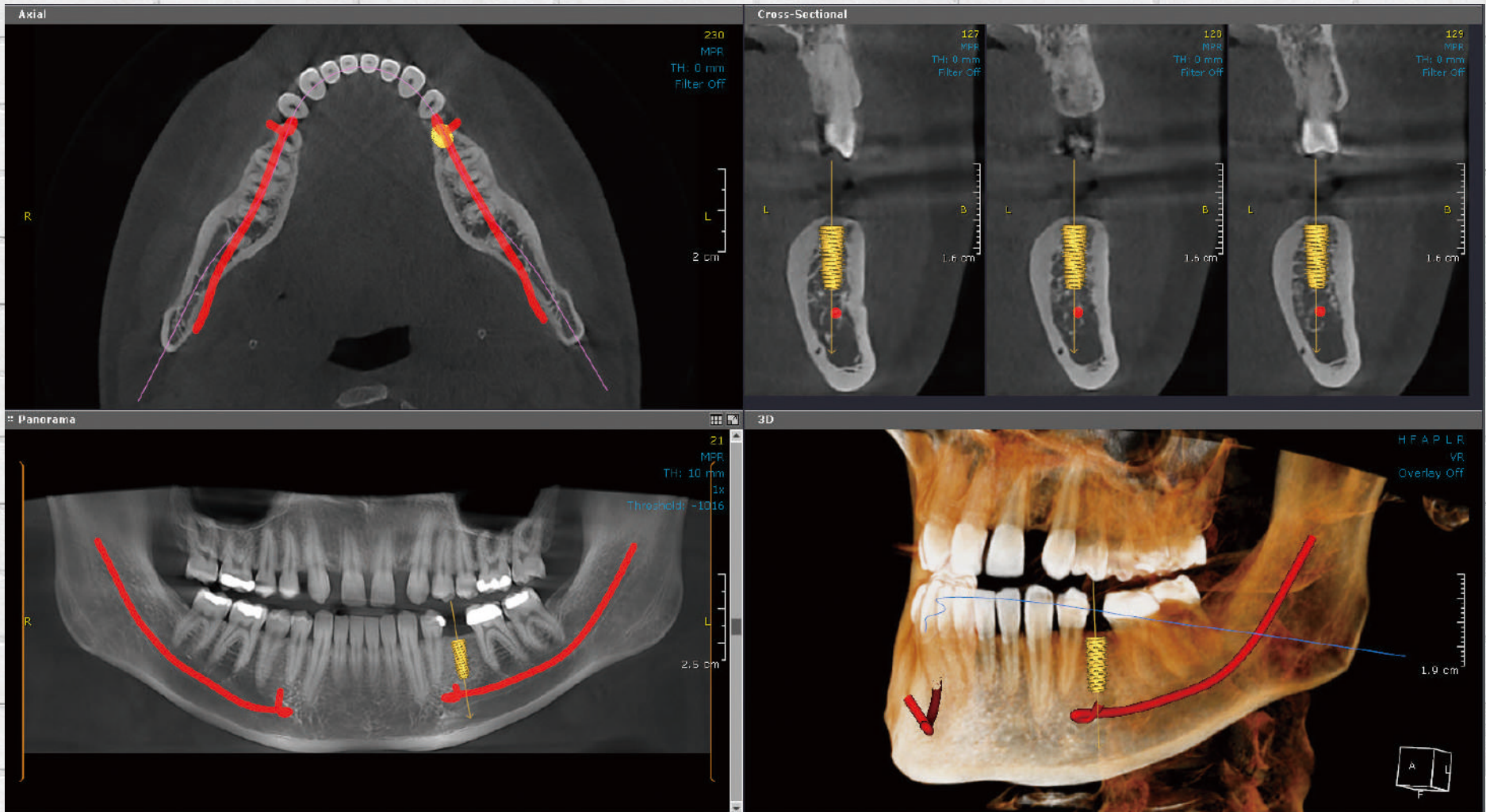
PrecisionMAR™



- Minimal scatter
- Reduced shading
- Clearly define bone and teeth structures around metal



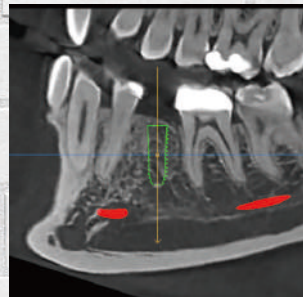
Digital Implant Treatment Planning



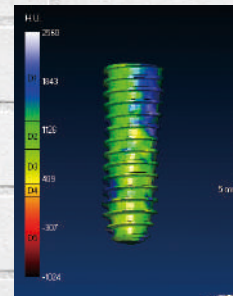
Bone Measurement



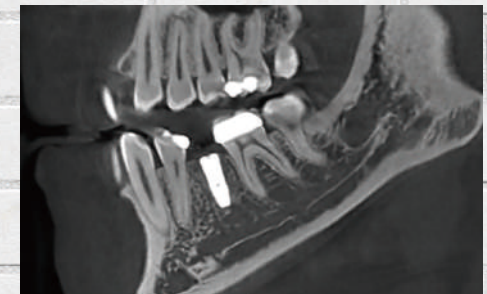
Placement Verification



Evaluate Bone Density

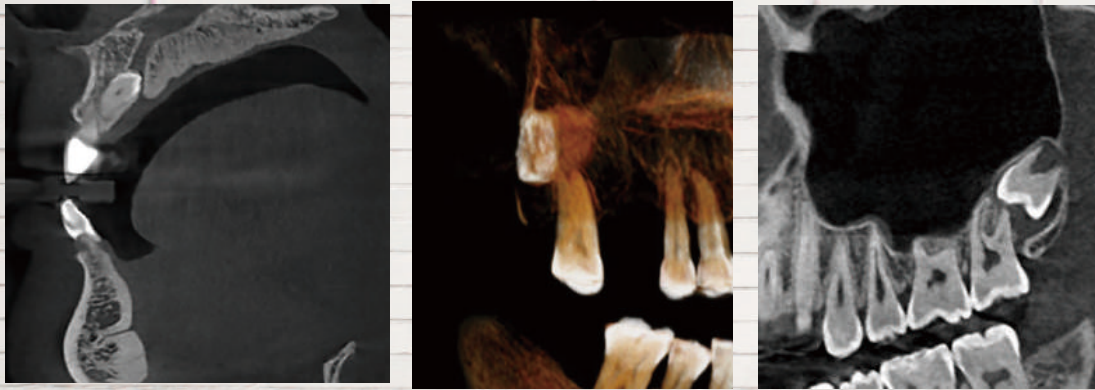


Post Op Check-Up



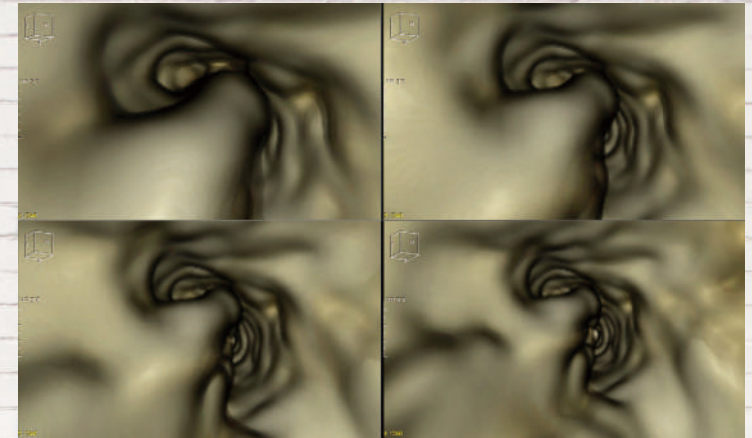
Oral Surgery

Wide views to evaluate impactions and surrounding anatomy



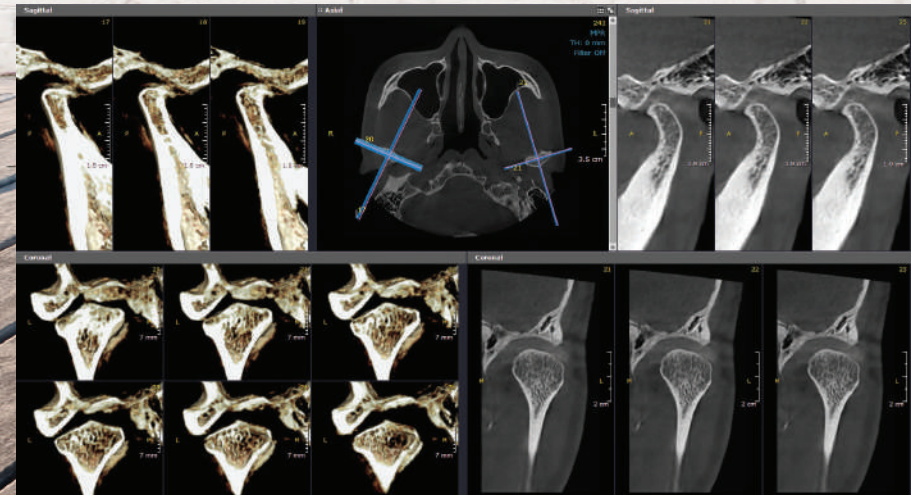
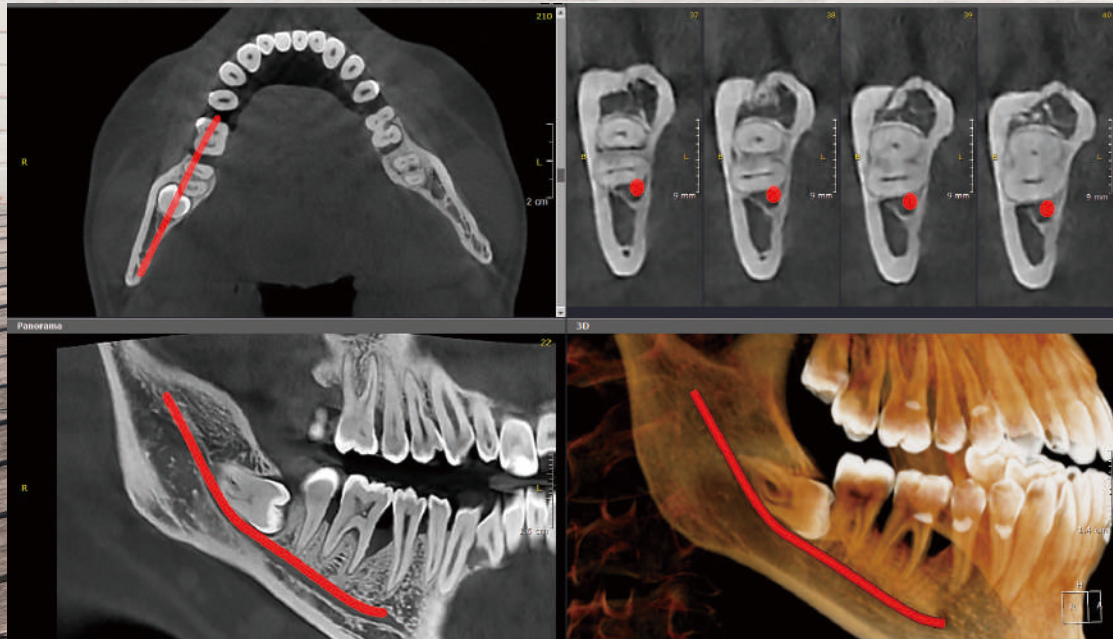
Endodontics

Endoscopic for C-shape canal



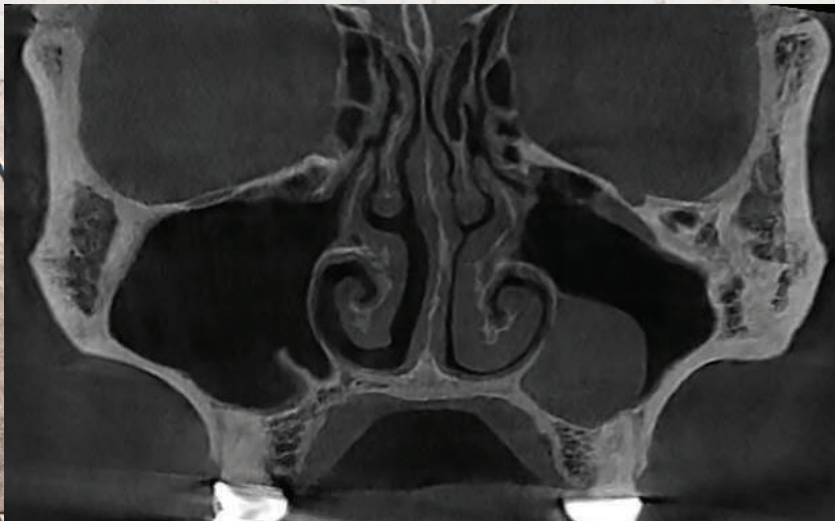
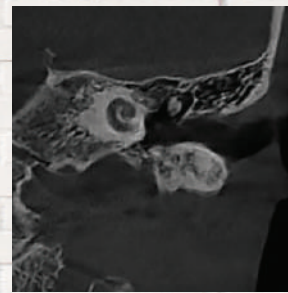
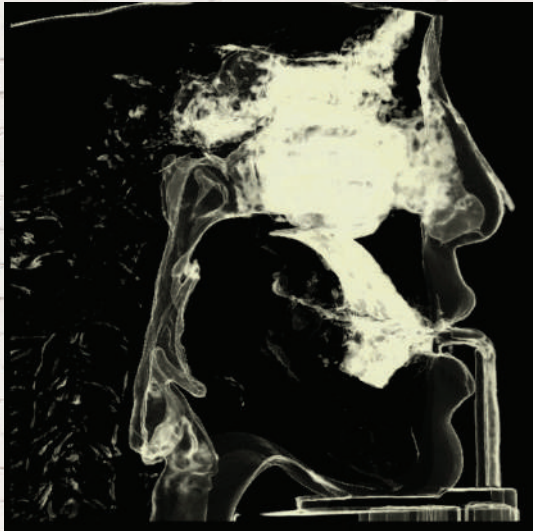
TMJ

Multilayer view of diagnosis of TMJ ankylosis & mandibular fossa



Otolaryngology

Expanded view for airway, sinus, and ear diagnosis



Orthodontics

3D view without distortion for skeletal & asymmetric analysis

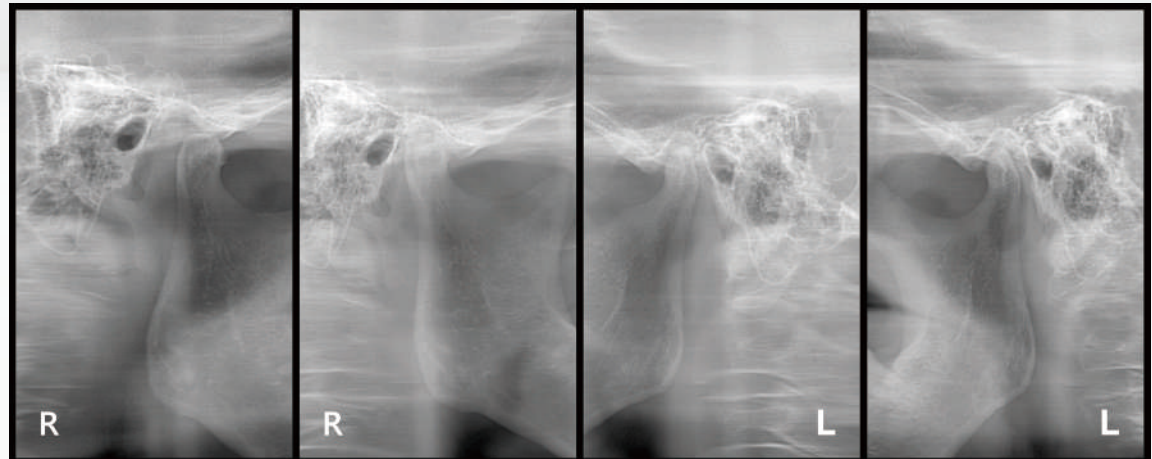


Dedicated 2D Panorama

Impeccable wide image view for diagnosis



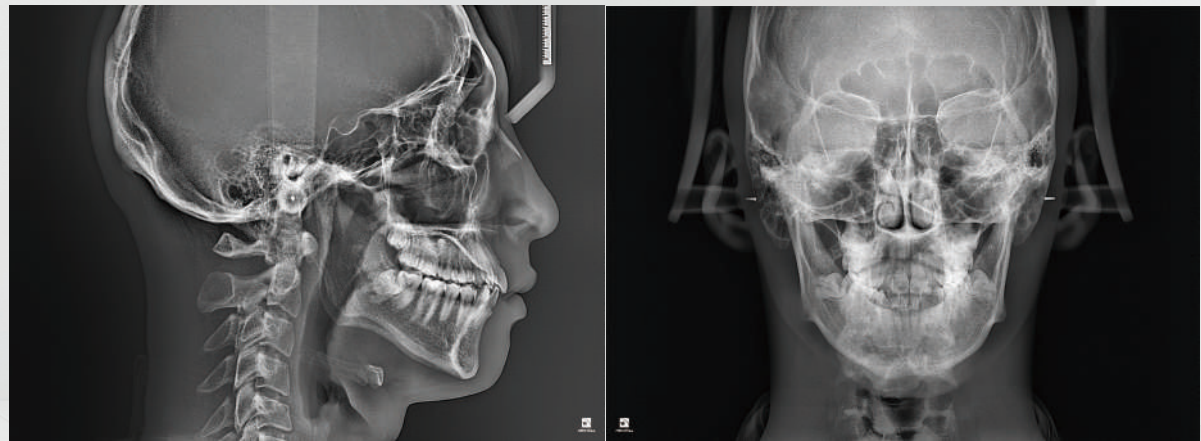
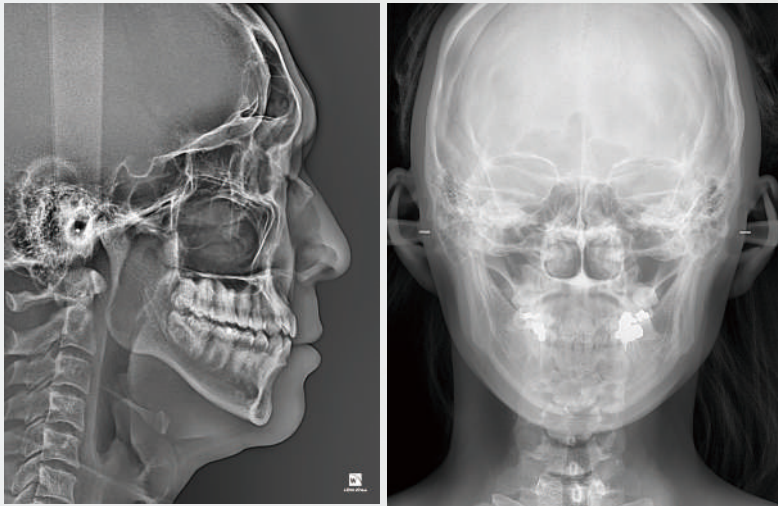
*Four cut series of
TMJ open/closed
mouth*



Cephalometric X-Ray

Two Selections

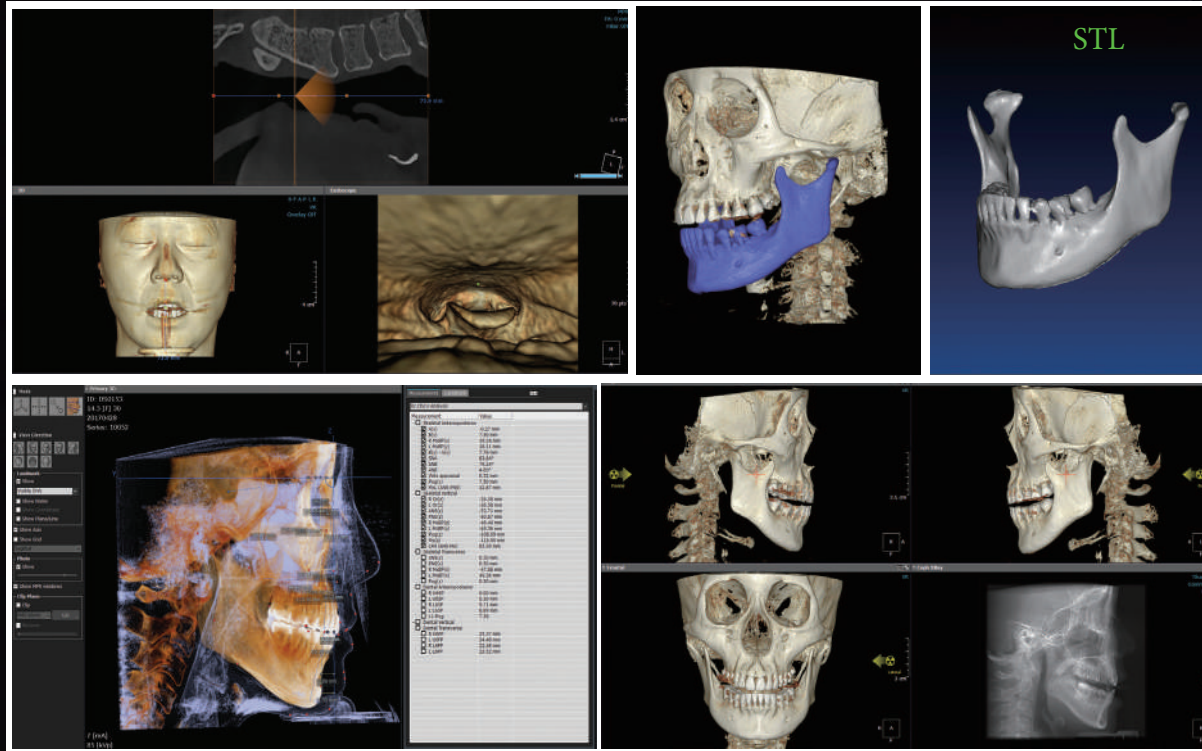
Dentri C α^{TM} Our premier one-shot extension provides superior image quality by reducing movement artifacts.



Dentri S α^{TM}

Our standard scanning extension provides excellent diagnostic images

Dentri α^{TM} intuitive software package includes OnDemand3D $^{\text{TM}}$



Powerful, 3D, user- friendly, navigation software for
digital treatment planning

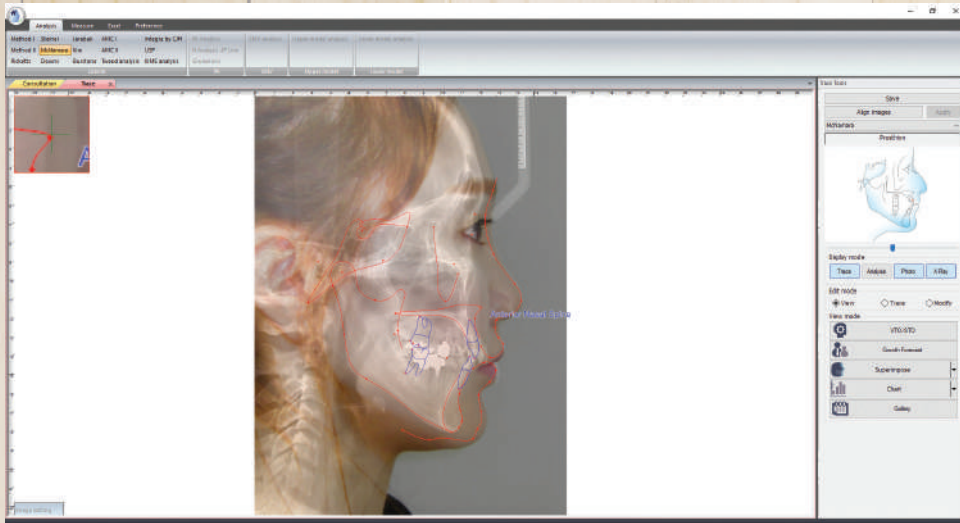




Available Software

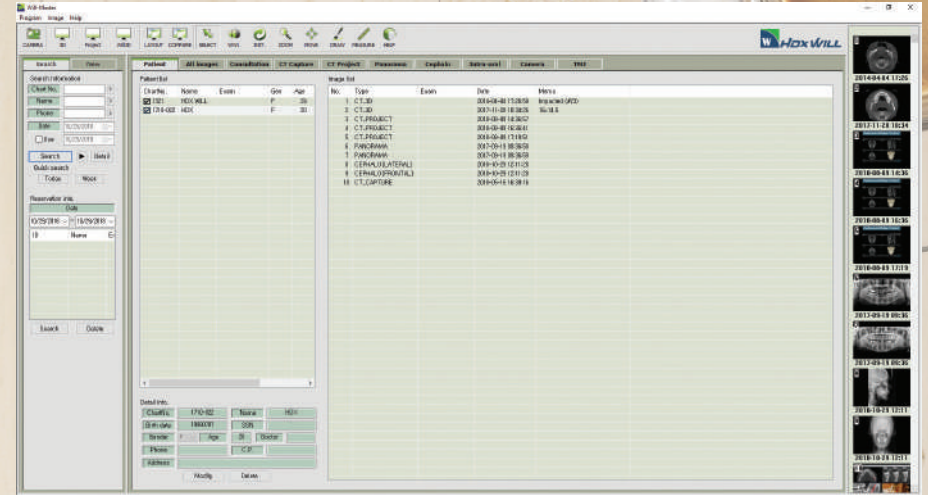
Will-Master

Patient image management software and 2D Viewer. Allows you to import and export images from your own practice. Compatible with 3D viewer navigation software.



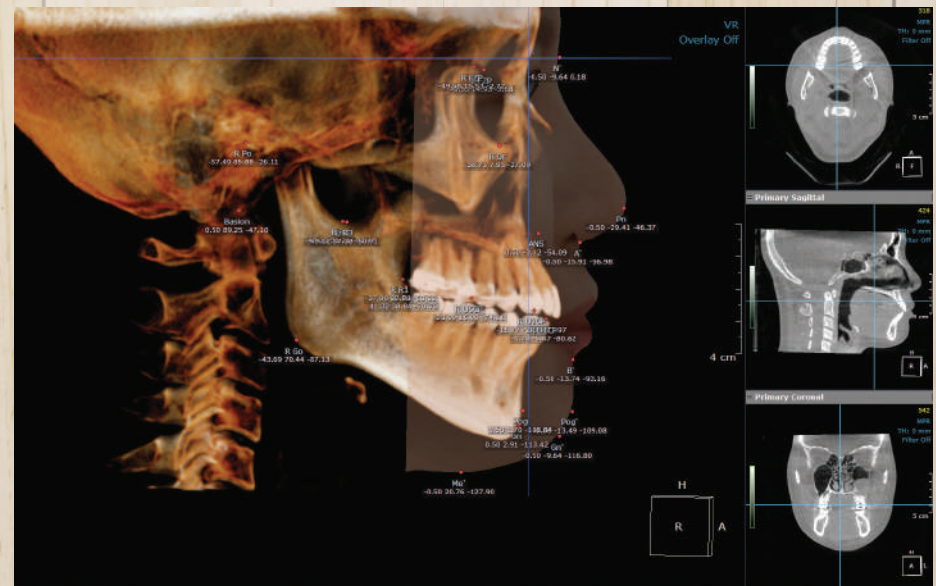
3D Cephalometric Analysis Module

The next generation cephalometric analysis with large FOV to evaluate cephalometric landmarks. (Opt.)

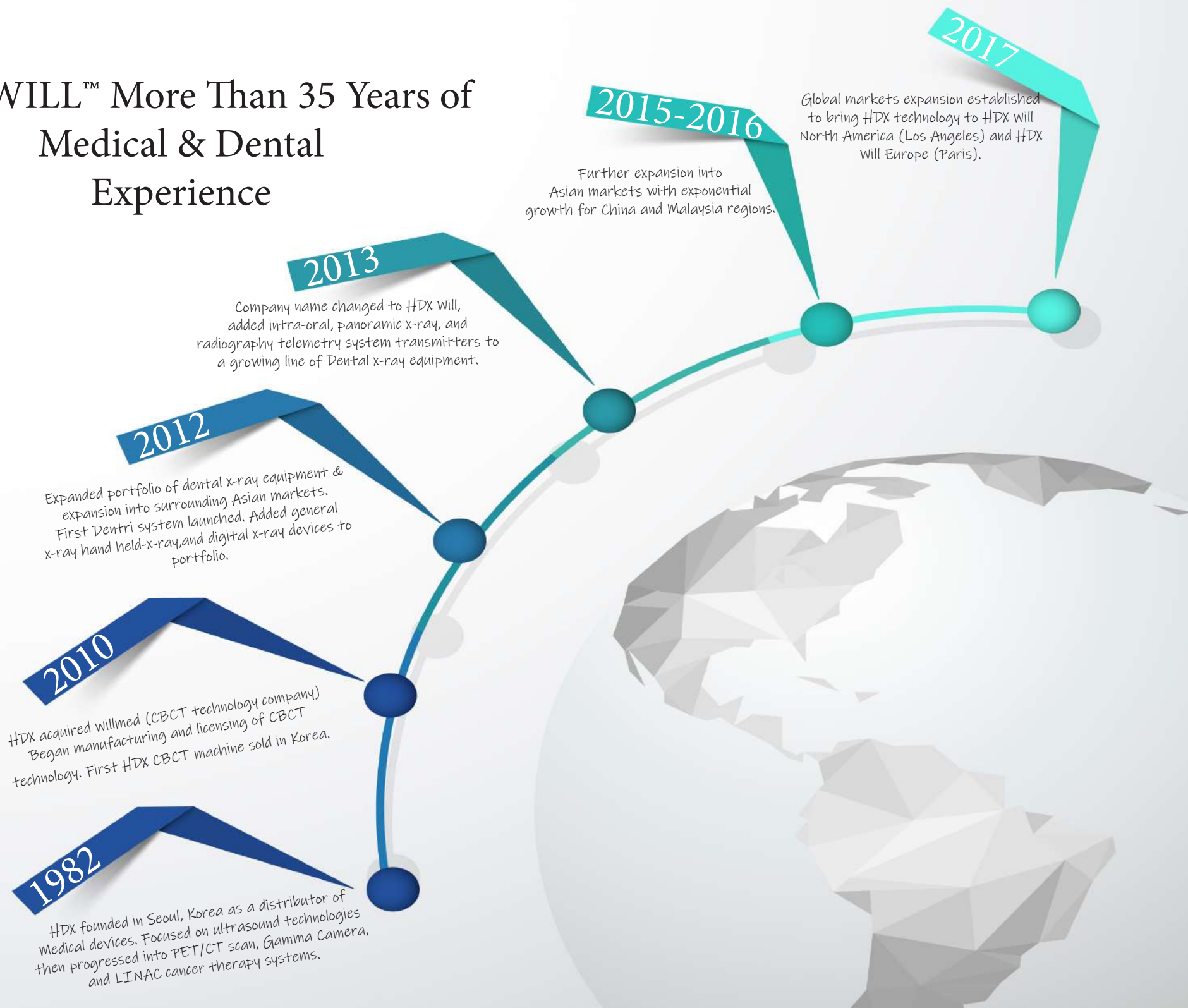


Will-Ceph

2D Cephalometric analysis software (Opt.)

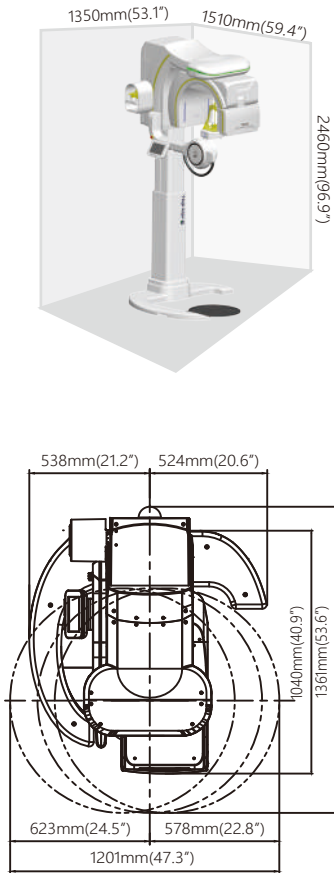


HDX WILL™ More Than 35 Years of Medical & Dental Experience

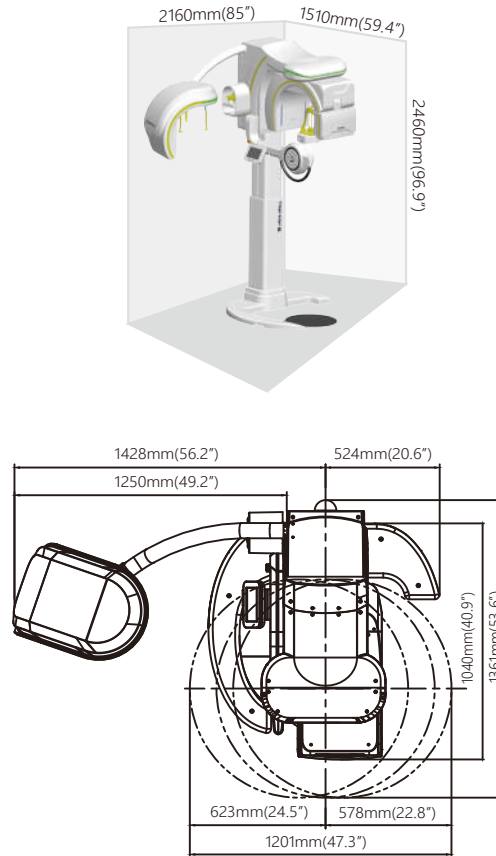


Minimum Space Required & Dimensions

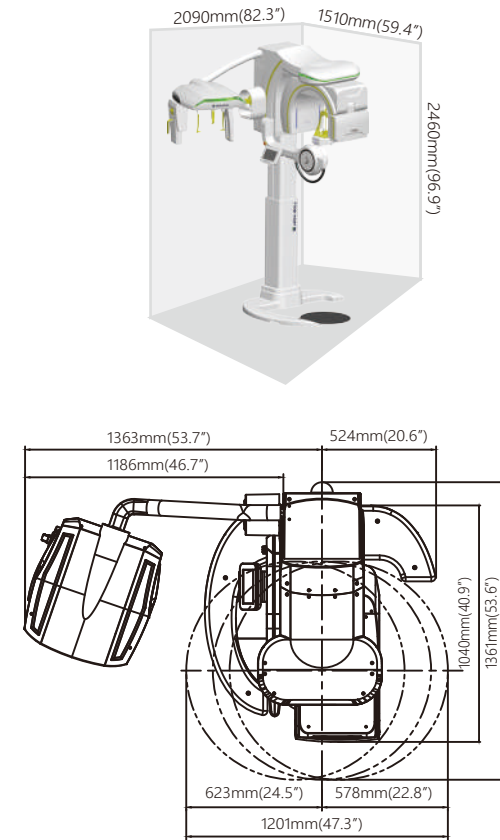
DENTRI α™ : PANO/CBCT



DENTRI C α™ : PANO/CBCT/ONE-SHOT CEPH



DENTRI S α™ : PANO/CBCT/SCAN CEPH



Product Details

Model		Panorama	Cephalo		CT	FOV (cm x cm)		
			One-Shot	Scan		16 x 14.5	Free FOV	16 x 8
DENTRI α	Extended	●			●	●	●	●
	Classic	●			●		●	●
DENTRI-Cα	Extended	●	●		●	●	●	●
	Classic	●	●		●		●	●
DENTRI-Sα	Extended	●		●	●	●	●	●
	Classic	●		●	●		●	●

SPECIFICATIONS

X-ray Beam			Cone Beam	Patient Position		Standing (Wheelchair accessible)
Scan Time	CT (Pulsed)	Dentri Classic (16x8cm)	8s(Ultra Fast Scan) 24s(Nomal Scan)	Detector Type	CT & Panorama	CMOS
		Dentri Extended (16x14.5cm)	16s(Ultra Fast Scan) 36s(Normal scan)		One-shot Type Cepahlo	Direct(TFT)
	Panorama		14s and less		Scan Type Cephalo	TDI CCD
	One-shot Type Cephalo		0.5s, 1.0s, 1.5s, 2.0s		Gray Scale	CT & Panorama
	Scan type Cephalo		4s(Fast Scan) 8s(Nomal scan)	One-shot Type Cephalo		14 bits
Field of View (CT)(cm x cm) (Diam. x Height)	Dentri α Classic		Free FOV Max 16x8	Scan Type Cephalo		16 bits
	Dentri α Extended		Free FOV Max 16x14.5			
Voxel Size(CT)(mm)			0.10, 0.15, 0.20, 0.25, 0.30	Dimension (mm x mm x mm)(in x in x in) (WxDxH) (Tolerance : ± 5%)		Dentri α: 1201 x 1361 x 2455 (47.3" x 53.6" x 96.65")
Focal Spot (mm)			0.5			Dentri C α: 2006 x 1361 x 2455 (78.97" x 53.6" x 96.65")
Reconstruction Time			Minimum 8s (Standard Recon, MAR off)			Dentri S α: 1941 x 1361 x 2455 (76.41" x 53.6" x 96.65")
Patient Alignment			Vertical Column (optional) : Electric motion Column : Electric motion Temple Support : Motion	System Weight (Tolerance : ± 10%)		Dentri α: 243 kg / 536 lbs (Dentri α Extended) 233 kg / 514 lbs (Dentri α Classic)
Control Device			Alignment : Touch Panel Exposure & Imaging Acquisition: Workstation			Dentri C α: 270 kg / 595 lbs (Dentri α Extended) 260 kg / 573 lbs (Dentri α Classic)
Install			Free Standing			Dentri S α: 260 kg / 573 lbs (Dentri α Extended) 243 kg / 536 lbs (Dentri α Classic)
Tube Voltage			60kVp-110kVp	Workstation	OS	Windows 10 64-bit
Tube Current			5mA-10mA		Memory	16Gb



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