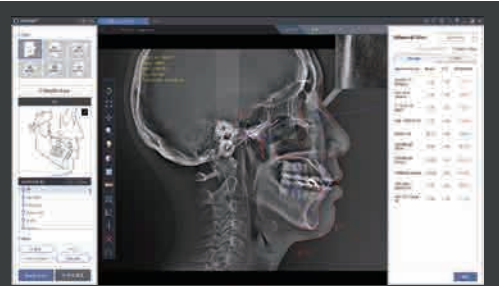**Will Master**
Image Capture and Patient Management Program with Counseling Video

Will 3D
User-friendly 3D Image Analysis Program

WillCeph Pro
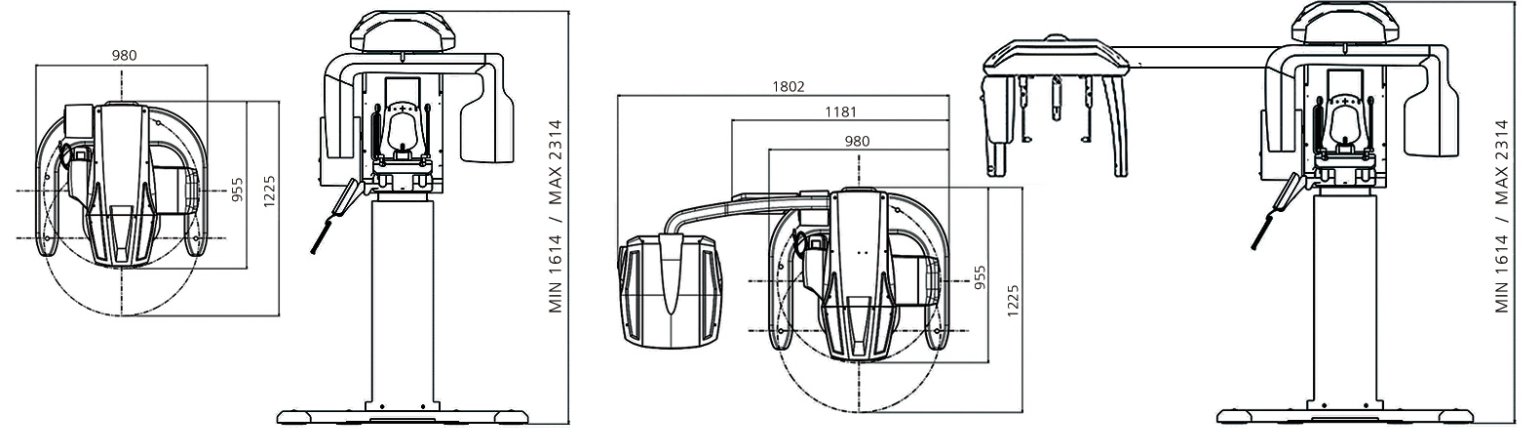Ceph Analysis Program for precise surgical plan

CN-EC(T)-18

GCOOC AI

HDxWILL

Essential AI CBCT for Digital Dentistry
eco-x

// Scan Mode

Model	Series	MODE			
		CBCT	Panorama	Model Scan	Cephalo(Scan)
eco-x	eco-x	●	●	●	
	eco-x-s	●	●	●	●
	eco-x ai	●	●	●	
	eco-x-s ai	●	●	●	●

// Specifications

Function	CBCT + Panorama + Cephalo(Scan) + Model Scan
Focal Spot	0.5mm
Scan Time	CBCT : 8s or 12s, 24s
	Panorama : 14s or less
	Cephalo(option) : 8s or less
FOV Size	10x8(Child), 12x10, 16x9
Voxel Size(CT)	0.2~0.3
Tube Boltage	60kV~90kV
Tube Current	4mA~10mA
Dimension(W×D×H)	eco-x, eco-x ai : 980mm x 1255mm x 2314mm
	eco-x-s, eco-x-s ai : 1802mm x 1225mm x 2314mm

FOV 16 / FOV 12

FOV16x9

FOV12x10

Advanced AI Technology eco-x
AI CBCT for Digital Dentistry AI CBCT eco-x
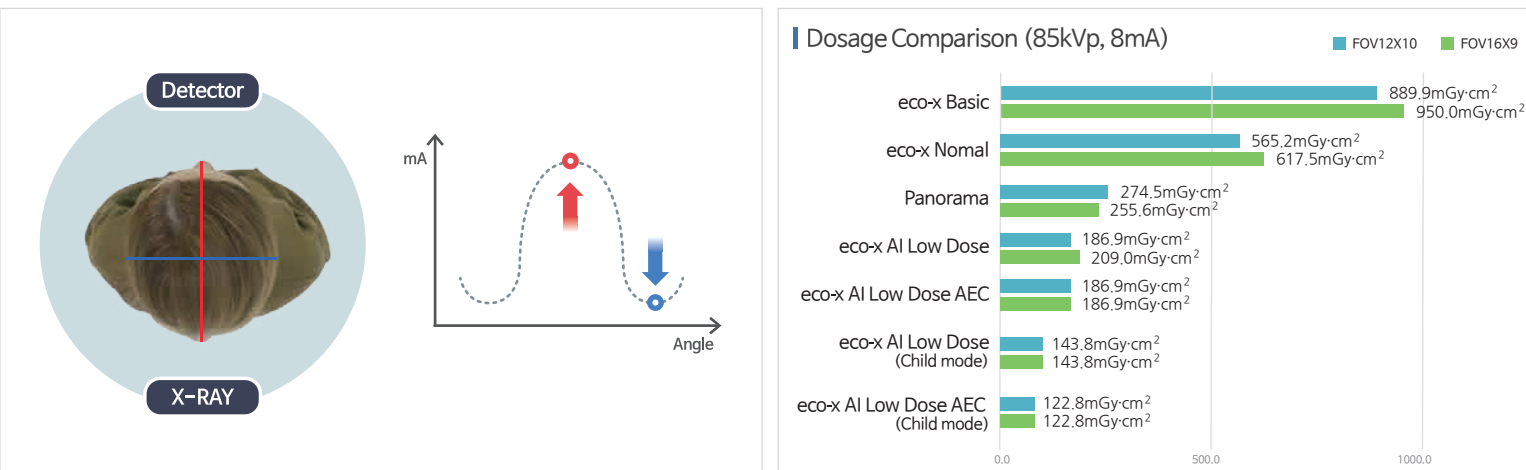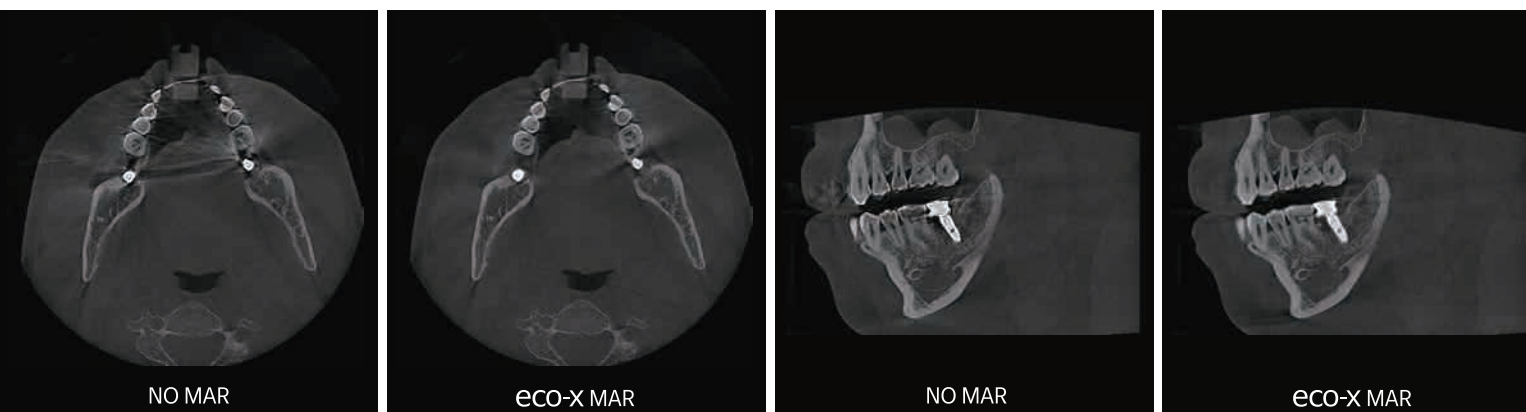
AI MATHEMATICS / BIG DATA / DEEP LEARNING

Innovation with AI Technology

+++ **No.01** Detects differences between anatomical structure and noise to provide the high definition images with lower radiation dose than Panorama

+++ **No.02** Detects the metal artifact like prosthetics to minimize distortion in anatomical structures

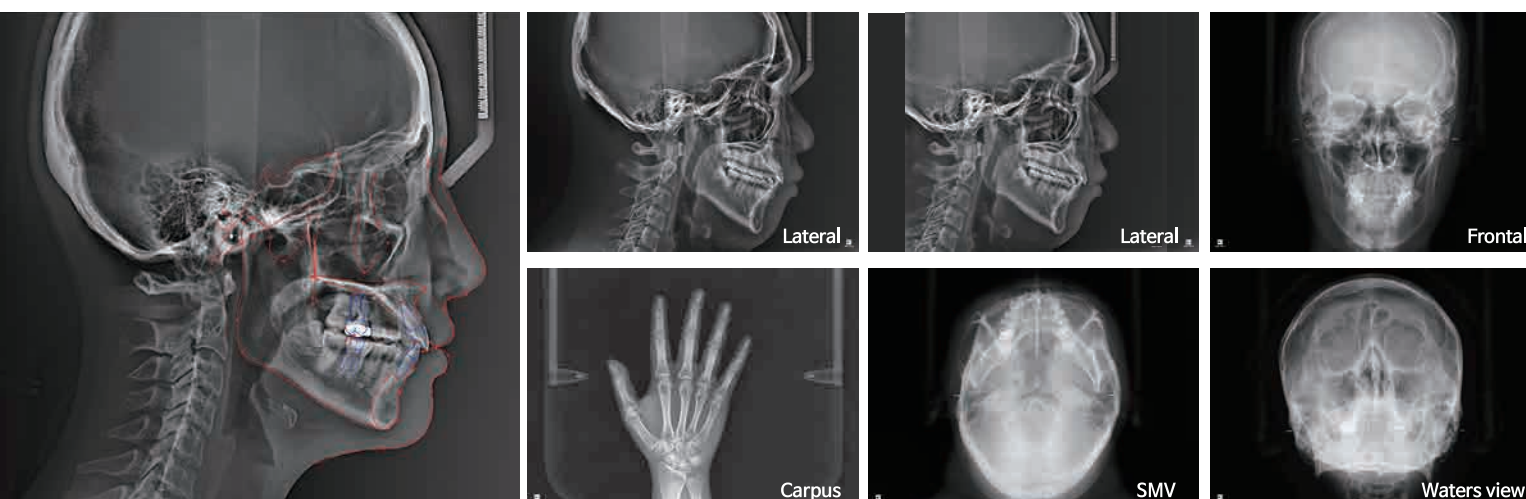+++ **No.03** Automatically detects landmarks for 2D ceph tracing which is essential for orthodontic treatment

// AEC (Auto Exposure Control) Function Achieves superior imaging with dosage less than a panoramic scan

Detector
X-RAY
mA
Angle

Dosage Comparison (85kVp, 8mA)   FOV12X10 FOV16X9

	FOV12X10	FOV16X9
eco-x Basic	889.9mGy·cm²	950.0mGy·cm²
eco-x Nomal	565.2mGy·cm²	617.5mGy·cm²
Panorama	274.5mGy·cm²	255.6mGy·cm²
eco-x AI Low Dose	186.9mGy·cm²	209.0mGy·cm²
eco-x AI Low Dose AEC	186.9mGy·cm²	186.9mGy·cm²
eco-x AI Low Dose (Child mode)	143.8mGy·cm²	143.8mGy·cm²
eco-x AI Low Dose AEC (Child mode)	122.8mGy·cm²	122.8mGy·cm²

// AI MAR Detects difference between implant and anatomical structure, minimizing metal artifact

NO MAR eco-x MAR NO MAR eco-x MAR

// Auto Landmark Detection AI automatically detects landmarks with 2D Cephalometric Scan
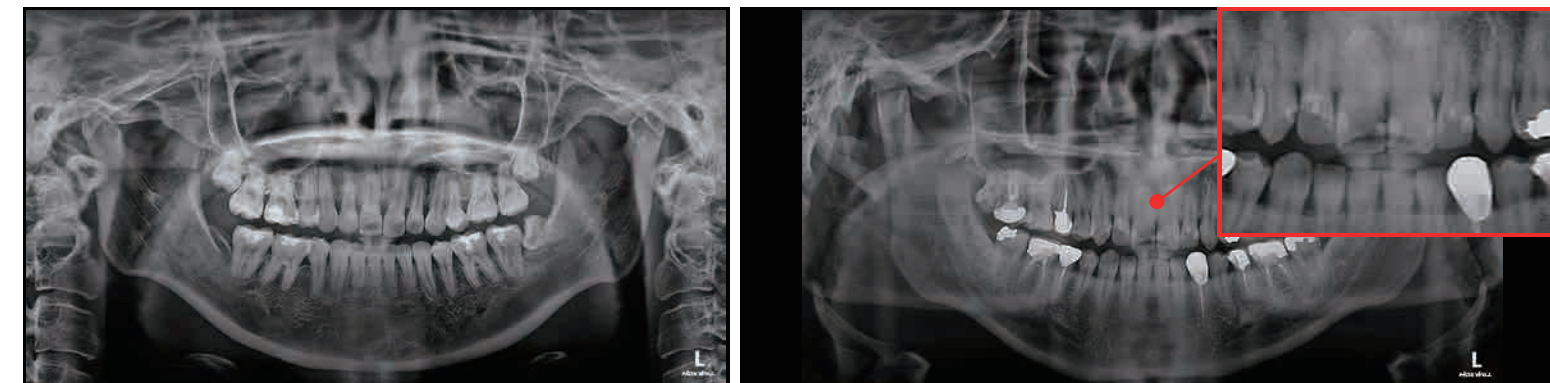

Lateral Lateral Frontal
Carpus SMV Waters view

Essential Functions for Various Diagnostics

// High Quality Image FULL ARCH CT image of 360° for impacted tooth diagnosis and implant guide
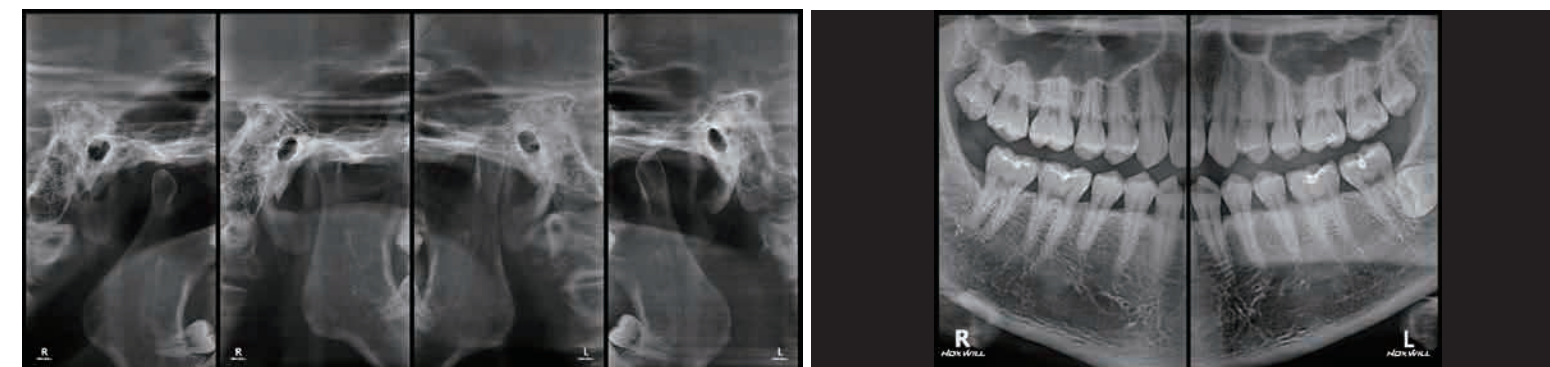

FOV 16 X 9   FOV 12 X 10   FOV 16 X 9 TMJ

// PANORAMA Dedicated 2D Panoramic Imaging for versatility

▪ **Auto Focus Panorama**   ▪ **Multi Layer** allows for clear images while correcting for mispositioning Almost 3D (2.5D)

▪ **TMJ** Open and closed mouth mode capability   ▪ **Bitewing** For proximal occlusal 2D image acquisition

// Model Scan STL file is extracted simultaneously with CBCT scan of impression or model

STL Auto Extraction   3D Rendering   STL file