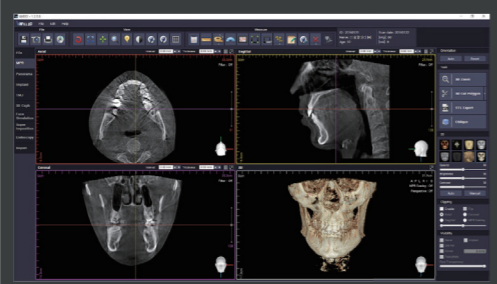## // HDXWILL Software

Will master
Image Capture and Patient Management Program with Counseling Video

Will 3D WILL 3D
User-friendly 3D Image Analysis Program

WillCeph pro WillCeph Pro
Ceph Analysis Program for precise surgical plan

ECOOC AI

HDX WILL

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	16X9, Free FOV (Adult: 3x3~12x9, Child: 3x3~10x8)
Voxel Size (CT)	0.1~0.3
Tube Voltage	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
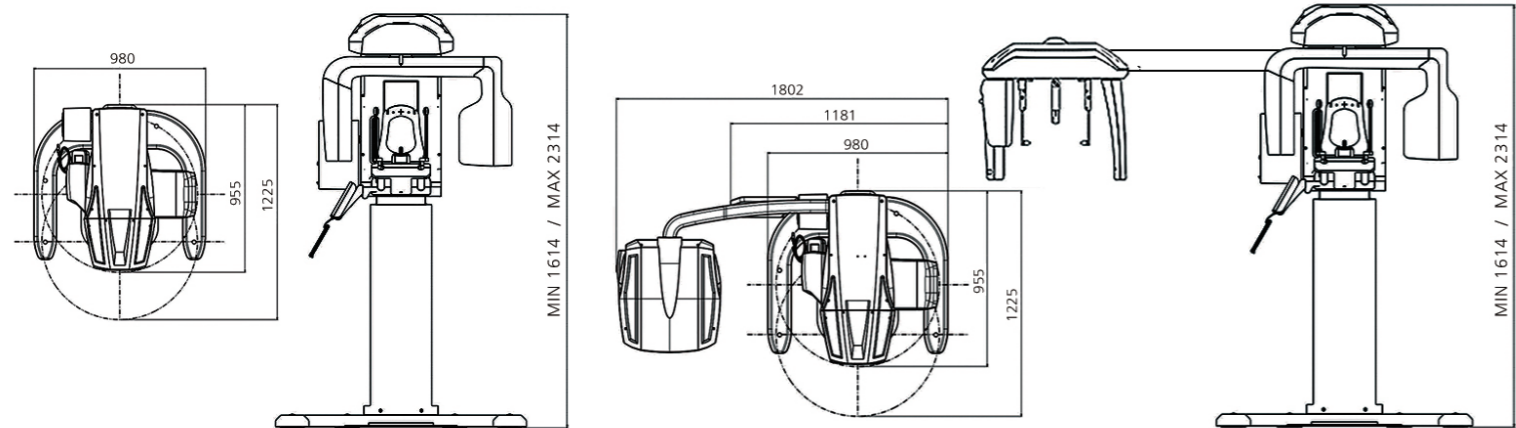
FOV16x9

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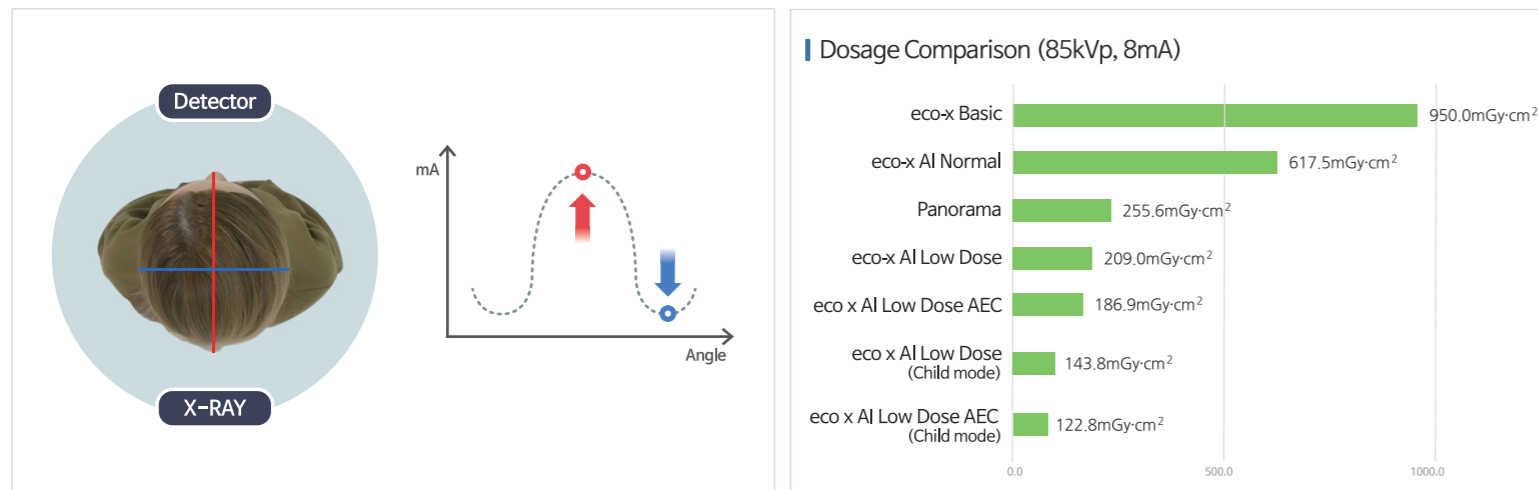
AI MATHEMATICS / BIG DATA / DEEP LEARNING


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
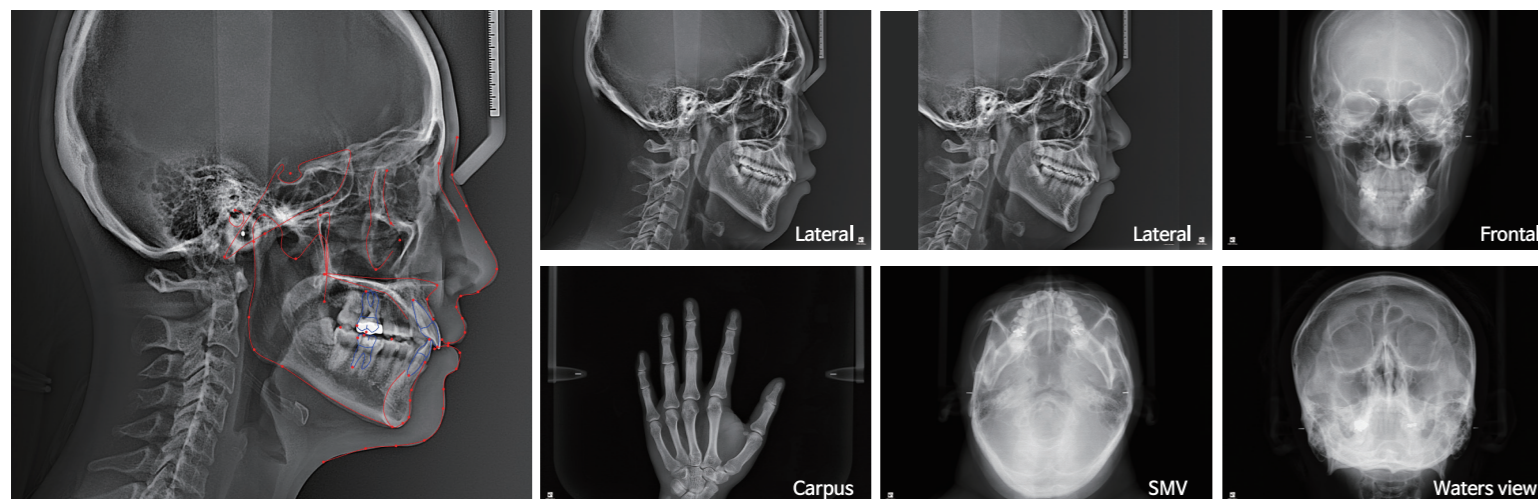

// **AEC (Auto Exposure Control) Function provides superior imaging with dosage less than a panoramic scan**

Detector

mA

X-RAY

Angle

| Dosage Comparison (85kVp, 8mA)

Mode	Dosage
eco-x Basic	950.0 mGy·cm²
eco-x AI Normal	617.5 mGy·cm²
Panorama	255.6 mGy·cm²
eco-x AI Low Dose	209.0 mGy·cm²
eco x AI Low Dose AEC	186.9 mGy·cm²
eco x AI Low Dose (Child mode)	143.8 mGy·cm²
eco x AI Low Dose AEC (Child mode)	122.8 mGy·cm²

0.0 — 500.0 — 1000.0

// **AI MAR** minimizes METAL ARTIFACT by detecting difference between implant and anatomical structure

NO MAR | eco X MAR | NO MAR | eco X MAR
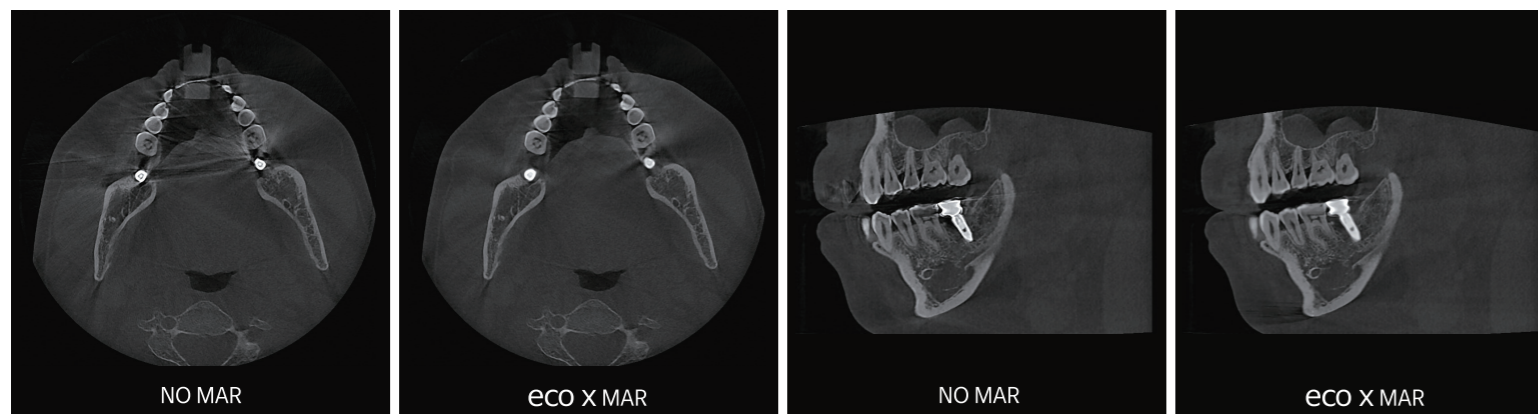
// **Auto Landmark Detection** AI automatically detects landmarks with 2D Cephalometric Scan

Lateral | Lateral | Frontal

Carpus | SMV | Waters view

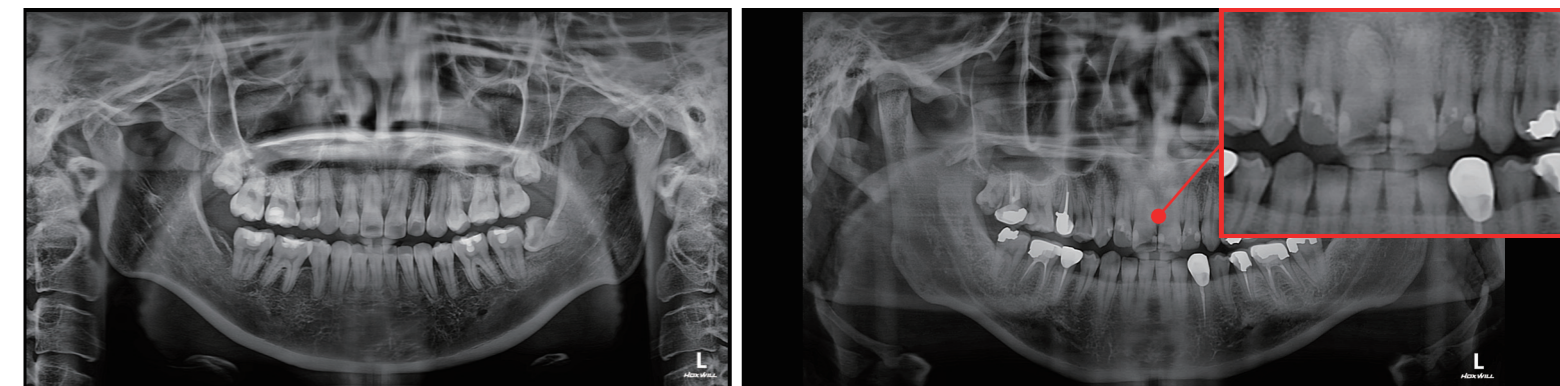## Essential Functions for Various Diagnostics

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

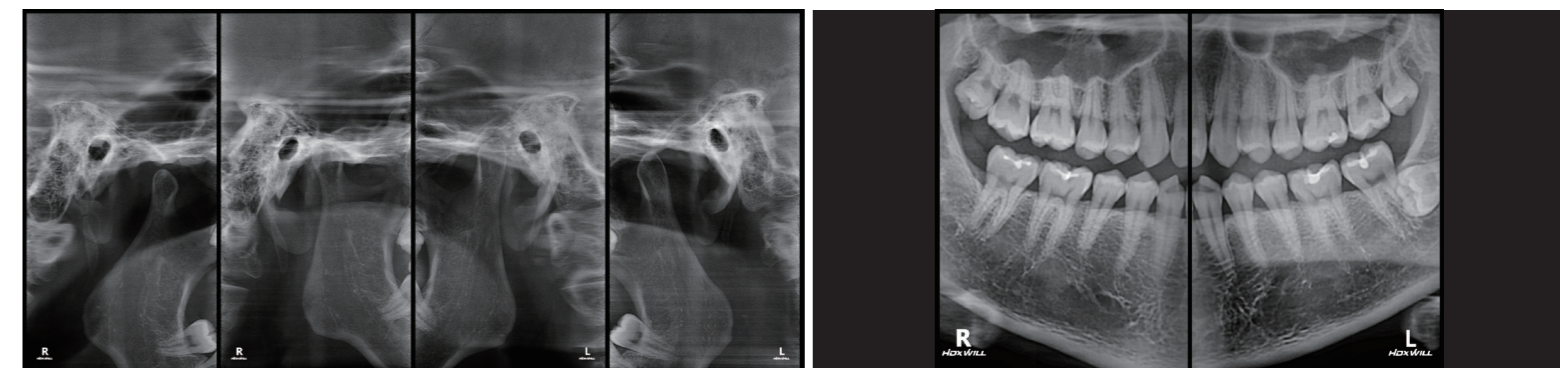FOV 16 X 9 | FOV 16 X 9 TMJ | FOV 10 X 8 Child

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// **PANORAMA** Dedicated 2D Panoramic Imaging for versatility

L | L

▪ **Auto Focus Panorama**

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

R R L L | R L

▪ **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