Meyer, Reliable Choice

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Dec 2024

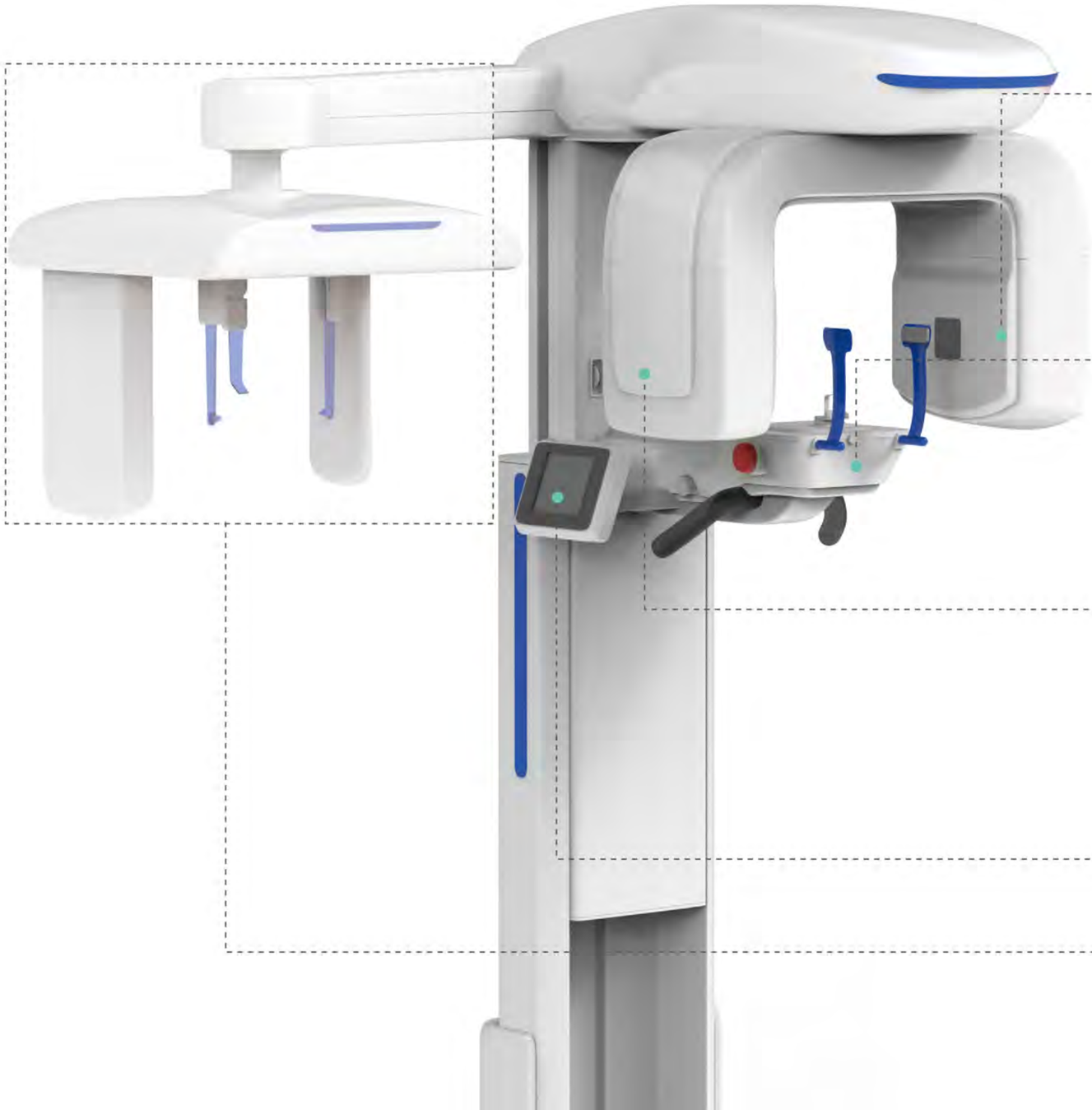
DENTAL CBCT

Dental Cone-beam Computed Tomography

3D Pro

Smart Design and Configurations

Experience Efficiency Precision and Reliability



Multiple FOVs
to meet all clinical needs

5-Point Patient Positioning
easy setup with patient scanning countdown to minimise motion artefact

X-ray Source Cooling System
allows for continuous shooting and undisruptive daily routine

360-Degree Scanning
significantly reduces artefact and noise delivering best possible image quality

Intuitive Touch Screen
for ease of operation

Optional Ceph Device
to meet the ceph capturing needs

Powerful CBCT Scan

Experience Future Dentistry

Original image

Meyer ANR

AI

Cutting-Edge Imaging Technology

Intelligent AI Solutions for Superior Image Quality

Meyer ANR
Noise Reduction ▲

·Reducing image noise and distortion.
·Enhancing overall image quality while retaining image details.
·Displaying all details in Endo Mode with improved clarity.

Dynamic demonstration

Original Image

Meyer AAR

Meyer PD-MAR
Metal Artefact Reduction ▲

·Significantly reducing artefacts caused by metallic substances, such as implants and metal dental crowns.
·Ensuring image quality and reducing the need for retakes.

Dynamic demonstration

Meyer PD ▶
"Pure Detail" - Next-Generation Imaging Technology

·Delivering exceptional image quality whilst retaining true image texture.
·Clear Vision of all details for accurate diagnosis and planning.
·Exceptional image quality with low dose.

Dynamic demonstration

Without PD

With PD

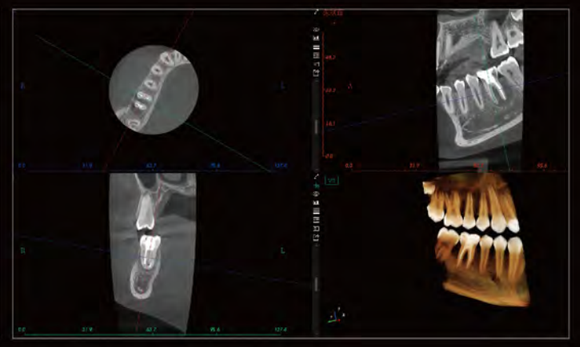
Without PD

With PD

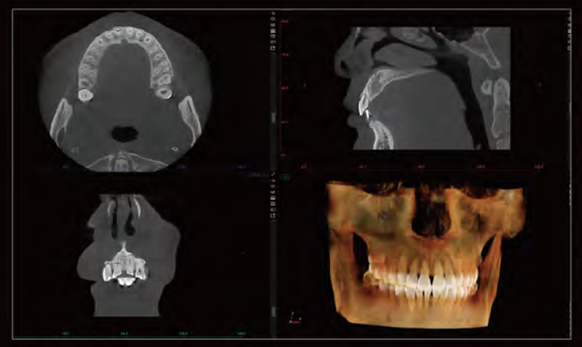
Multiple Application Situation

To Meet All Clinical Needs

Multi-Implant

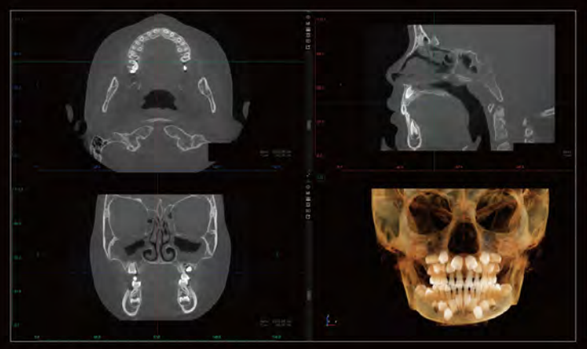


Postoperative pulp cavity morphology

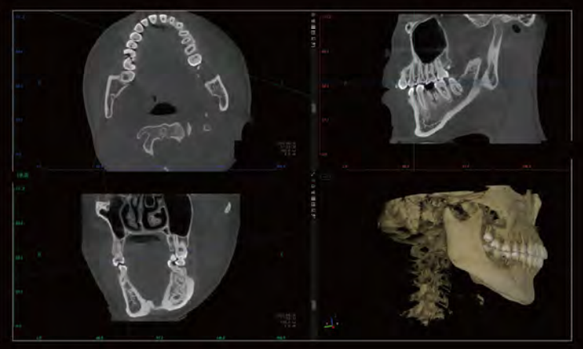


Teeth Fracture

Complex Wisdom Tooth Evaluation



Child's primary dentition stage - mixed dentition stage



Dental caries

Periapical cyst swelling/inflammation (Low-density image)

Dental ectopia, malformation

AI Multi-layer Panoramic Scan

Intelligent AI Solutions for Superior Image Quality

Three selectable dental arch forms, tailored to different types of patients

- Each patient has a unique dental arch curve.
- Our machine offers three selectable dental arch forms while also intelligently matching the patient's dental arch form to acquire optimal imaging results.

Narrow　　Standard　　Wide

Multi-layer slices to generate panoramic images

Auto slices count　　Slices images generation　　Auto images selection

Auto Focus

Utilizing multi-layer slice imaging, AI automatically selects the optimal region, applies auto focus, and performs image fusion.

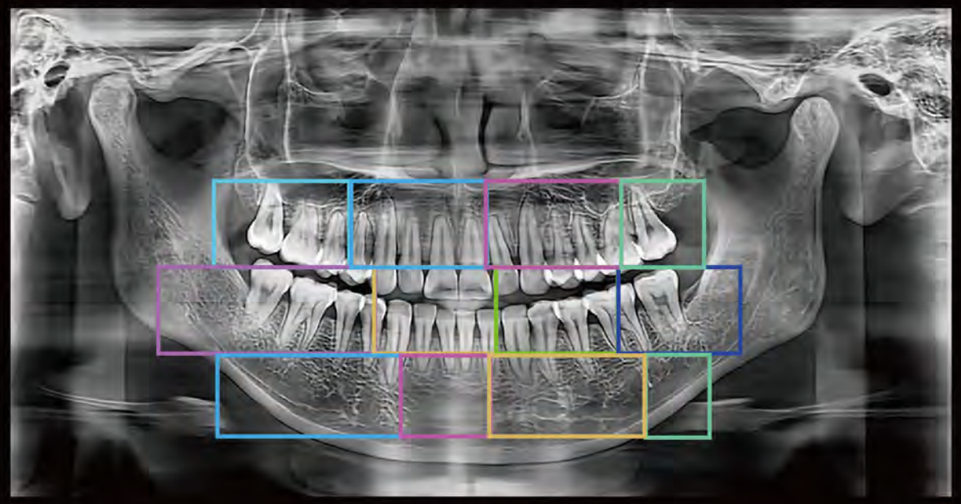
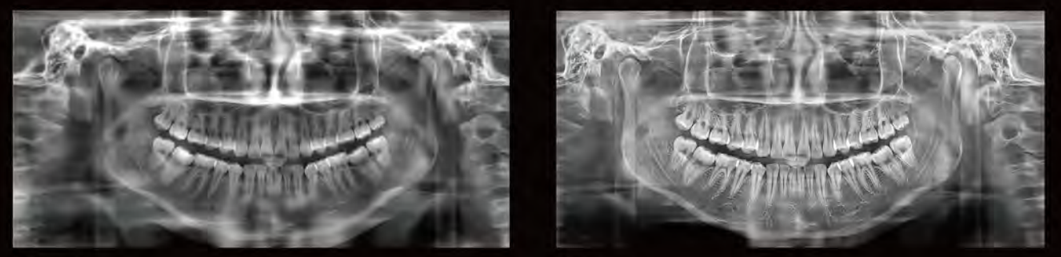


Image Enhancement

PD" Pure Detail" Panoramic Post-processing Algorithms.

Original image　　PD image



Original image　　PD image

Ceph & Model Scan

Precision Beyond Imaging

Ceph Image

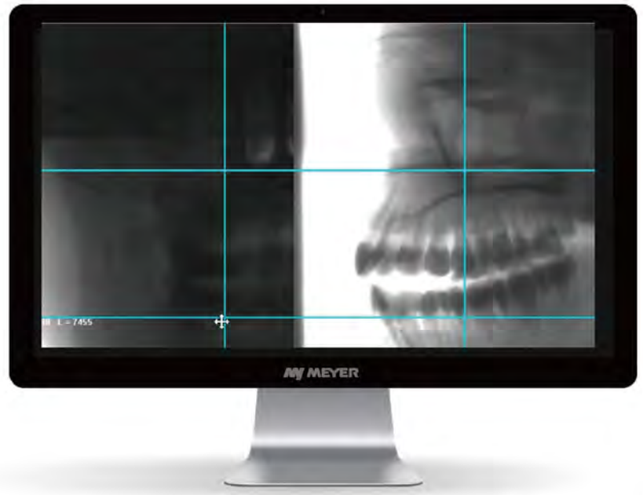
- Easy to obtain high grayscale, high-resolution Cephlometric images.
- Through dual-level collimation adjustment, a significant reduction in radiation dose has been achieved.
- The high-quality Cephlometric images enable precise planning for orthodontics and maxillofacial surgeries.

Model Scan

- Convert plaster or silicone models into digital models. Specialized model tray.
- Model scan function included in the entire product series as standard.

Endo Scan

Unparalleled Image Quality



Scout View*

- Pre-exposure helps in selecting the right position, reducing retakes.
- 3-zone selection, free positioning, capture wherever desired.

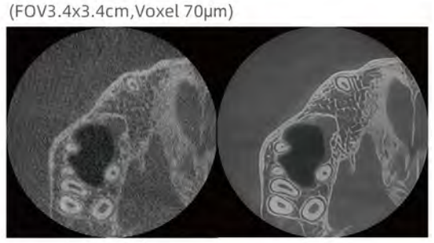
Endo Mode, HIGH RESOLUTION

- The ideal choice for endodontic treatment.
- Ultra-high resolution imaging for clearer visualizationby doctors.

Endo Image

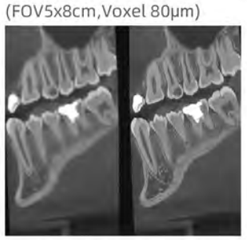
Intelligent algorithms display more details

(FOV3.4x3.4cm,Voxel 70μm)



Original Endo

(FOV5x8cm,Voxel 80μm)



Original Endo

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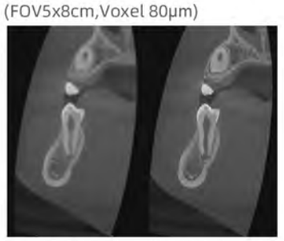


Original Endo

* Only available for FOV 12x10cm model

MyDentViewer

Most Artificially Intelligent 3D Software

Auto Marks Nerve Tube

Accurate nerve tube annotation in less than 10 seconds, freeing the doctor's hands from complex annotations.

Auto Marks Root Canals

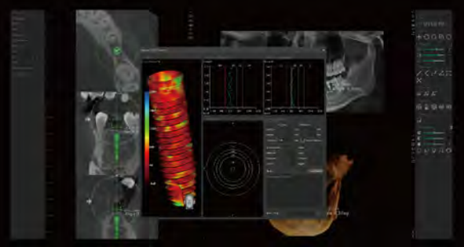
AI annotates root canals, revealing hidden root canals without any escape.

Auto Ceph Measure Analysis

Multiple methods for measurements, intelligent analysis of patient's ceph images and generate report.

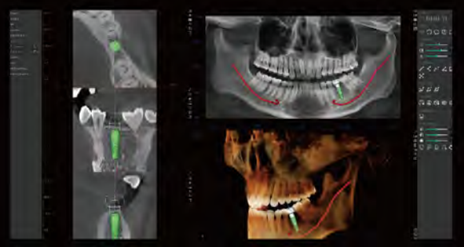
Auto TMJ Positioning

- The software automatically locates the patient's area, if present.
- Enable 3D visualization for observing the morphology of the TMJ.



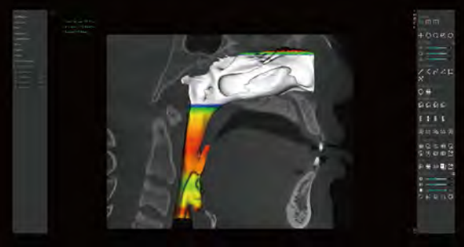
Auto Bone Density Analysis

One-click assessment of the implant's surrounding environment to evaluate the distribution of bone quality around the implants.



Implant Simulation

- The software includes an extensive implant library.
- 3D implant simulation with auto bone density analysis and implant collision detection.

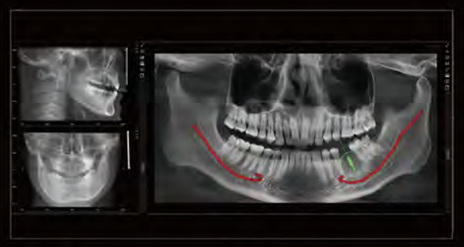


Auto Airway Analysis

One-click acquisition of airway data,three-dimensional visualization of airway morphology, simplifying the diagnostic process.

Auto Tooth Segmentation

- Automatically obtain segmented tooth data for clearer visualization.
- Simulate orthodontic teeth alignment to facilitate doctor-patient communication.

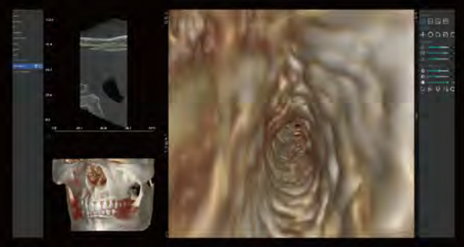


Auto 2D Reconstruction

- No need for a second exposure.
- Auto reconstructed OPG.
- Auto reconstructed Lateral/Frontal Ceph.

Quick Positioning in 3D Pano

- Simply drag the VOI box on the 3D panoramic image for quick positioning.
- Immediate 2D sectional views of the VOI box facilitates local diagnosis with an Endo touch.



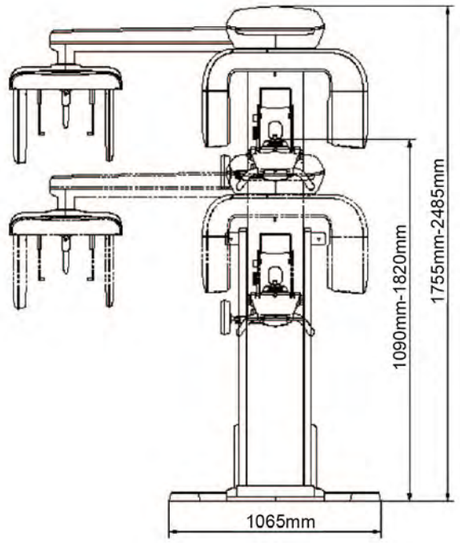
Virtual Endoscopy

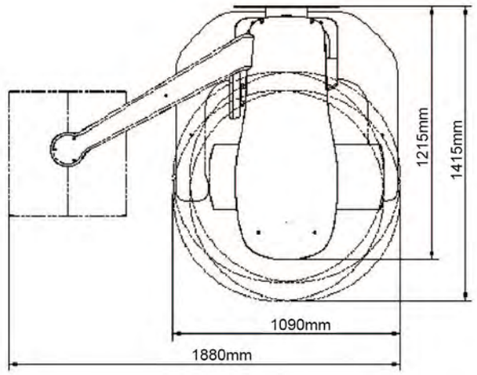
Precision observation of details, reducing clinical diagnosis and treatment risks.

3D Registration of Face & Jaw

Face, upper jaw and lower jaw scans of the same patient can be registered by the software to simulate a superimposed model.

Technical Specifications





Models	Capturing Mode		
	CBCT	Pano	Ceph
SS-X9010DPRO-3DE	√	√	Optional

Models	FOVs	Resolution
SS-X9010DPRO-3DE	12x10cm,3.4x3.4cm	70 - 420 μm
	13x10cm,5x8cm	80 - 420 μm
	15x10.5cm,8x10cm	180 - 420 μm
	16x10cm,5x8cm	80 - 420 μm

Parameter	All Models
Scan Time (Exposure Time)	CBCT: 20s(8.7s), Pano: 17s Ceph: 12s, Endo: 12s
Reconstruction Time	Less than 60s
Resolution in 3D: Voxel Size	From 70 - 420 μm
Focal Spot	0.5mm(IEC 60336)
Gray Scale	16bit (65536 Gray levels)
X-ray Tube Current	2-10mA(1 mA adjustable)
X-ray Tube Voltage	60-90kV (1 kV adjustable)
Nominal Supply Voltage	200-240V
Input Power Frequency	50Hz/60Hz

Parameter		All Models
Dimensions	Without Ceph	1065mm(L)x1415mm(W)x2485mm(H)
	With Ceph	1880mm(L)x1415mm(W)x2485mm(H)
Weight	Without Ceph	220 Kg - 485 lbs
	With Ceph	260 Kg - 573 lbs
Operation		Touch-Panel / Remote Control
Patient Positioning		Standing/seated, chin rest, biteblock ear clips and forehead support
System Requirement		Windows 10 or Above
Child Mode		Yes
Wheelchair Accessible		Yes

About Us

Corporate Overview

Founded in 1993, officially established in 2000, went public on the A-share market in 2012.(stock code 002690)
We are a national key high-tech enterprise specializing in intelligent identification devices manufacturing.

30Years	100+	600+	20,000+
Company History	Countries and Regions	Patents	CBCT Sold

- National Innovative Enterprise
- National Technology Innovation Demonstration Enterprise
- National Intellectual Property Demonstration Enterprise
- Key Software Enterprise within National Planning Layout
- National Torch Program Key High-Tech Enterprise
- National Industrial Brand Cultivation Demonstration Enterprise

Major Honors

- Twice National Scientific and Technological Progress Second Prize Awards
- Forbes China Top 100 Potential Public Companies
- China's Top 500 Brands
- Top 500 Valuable Listed Companies in China's Manufacturing Industry
- Multiple Awards for National Key New Products
- Top 500 Chinese Machinery Companies
- Top 100 Provincial Inventive Patents
- National Innovation Product Certification
- Top 500 New Economy Enterprises in China
- Top 100 Mainboard Listed Companies by Market
- Value Nationwide
- Top 500 China Innovative Brands