



Eighteeth

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Eighteeth's CBCT **FINSCAN F350**

BROAD VISION, EASY ACQUISITION

Dental Cone-Beam Computed Tomography



Eighteeth

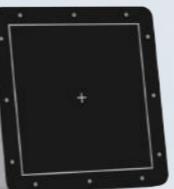
Core components

Revolutionary Performance
Standardized Excellence



Equipped with Japanese Canon X-Ray Tube as Standard

Global premium x-ray tube model in CBCT technology
0.5mm small focal spot for exceptional clarity



HD Large-Sized Flat-Panel Detector as Standard

16*16cm flat panel
Non-stitched one-time imaging



16*10 FOV One-Stop Solution

Widely used in dental routine diagnosis, implant surgery, etc
Additional 4*4, 8*8 size FOV available
Meets clinical needs with small and medium field of view options in diverse complex surgical scenarios



Intelligent Cooling Technology

Adopt self-developed dissipation heat technology
Effectively reduce temperatures in tubes and components during operation with stable image output



EG Design: Comfort & Precision in Imaging

-Smart & Compact

Small footprint, big performance

Optimized geometry ensures **HD imaging** with lower radiation

-Premium Materials

German-imported molecular materials for durability and long-lasting appearance

-L-Shaped Open Base

Stable, open design for easy patient positioning and wheelchair accessibility

-Silent Conveyor Belt

Noise-free operation for a more comfortable imaging experience

Ultra-Fast HD Scanning

Image Power Frame by Frame

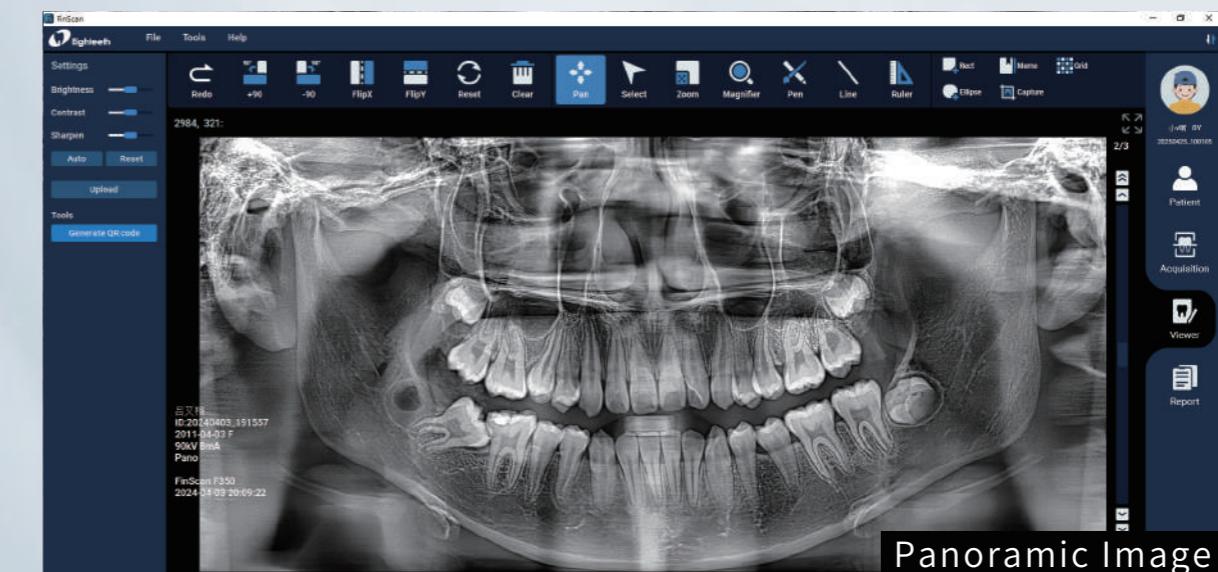
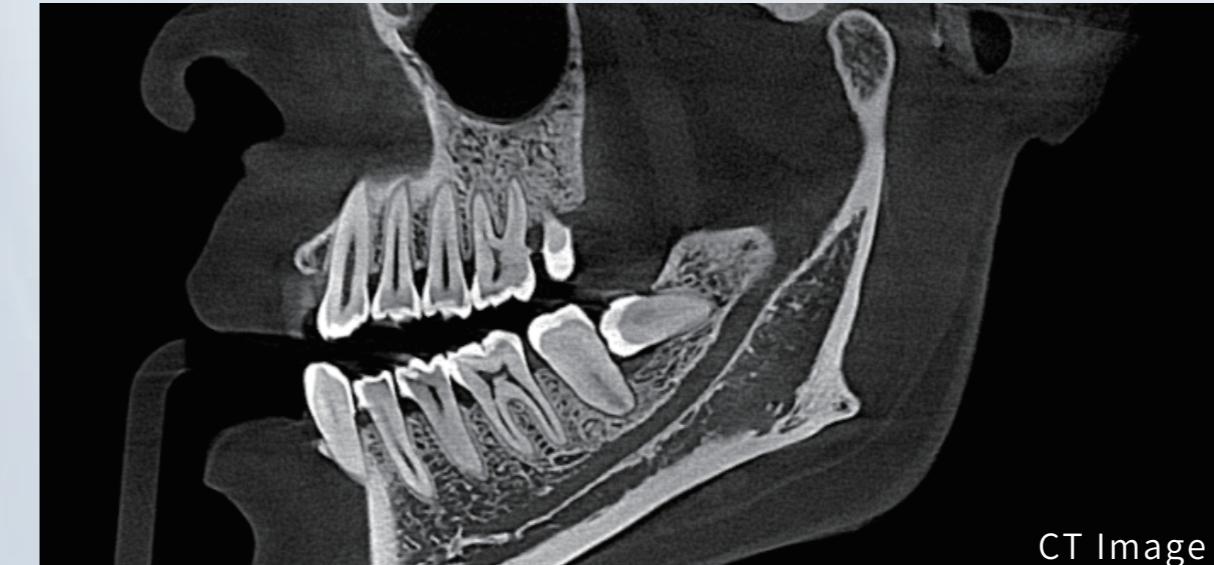
9-Second CT Imaging, at Your Fingertips

Proprietary algorithms deliver high-quality CT imaging in just 9 seconds

Scanning time, CT: 9S or 18S Panoramic image: 14S

Cephalometric image: 8S or 6S

Patients can download panoramic and cephalometric images via one-click QR code—quick to save, easy to view



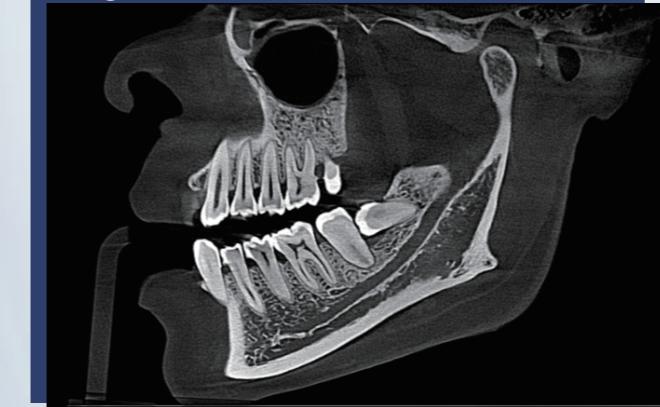
FinScan Ultimate Layer Algorithm

Like Keen Eyes
Unveil a New Era in Imaging

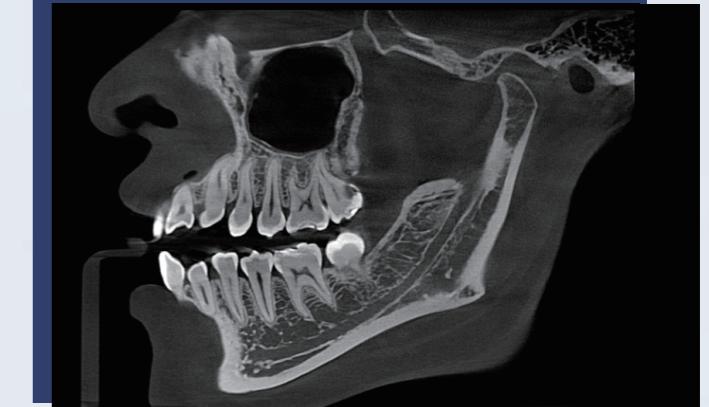
HD Image Reconstruction at Low Doses Scanning

Advanced algorithm platform ensures high-quality images at significantly reduced radiation doses

Regular Dose



Low Dose



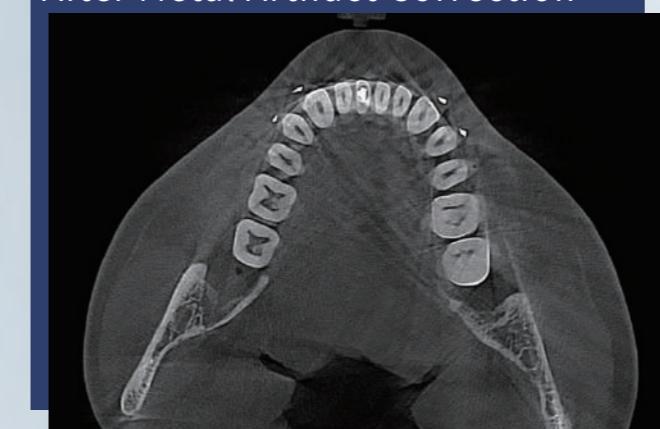
Efficient Metal Artifact Correction

Identifies and processes interference from high-density materials, effectively removes metallic artifacts for accurate imaging

Before Metal Artifact Correction



After Metal Artifact Correction



Intelligent Noise Reduction

Intelligently recognize real structures and noise in images, reducing noisy points and distortion

Before Intelligent Noise Reduction



After Intelligent Noise Reduction



Expert Software

FinScan Image Processing Software
Designed with the Clinician in Mind
Six Comprehensive Modes
for Precise Diagnosis

Multi-Planar Reformation(MPR)

Coronal image, sagittal image, axial image, 3D image rendering model are clear at a glance

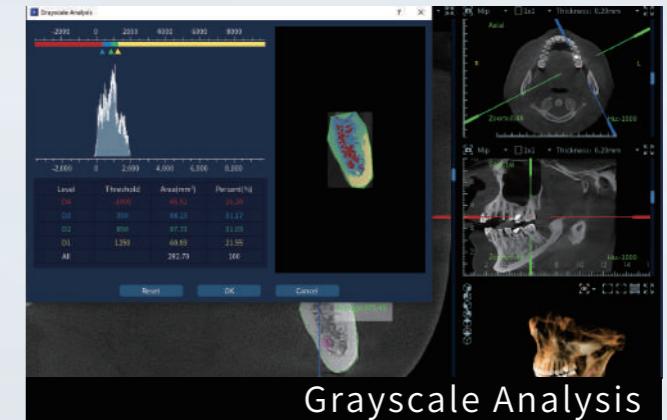
In the 3D imaging model, simply click on any tooth position, and other images will instantly align to it, making the process quick and easy



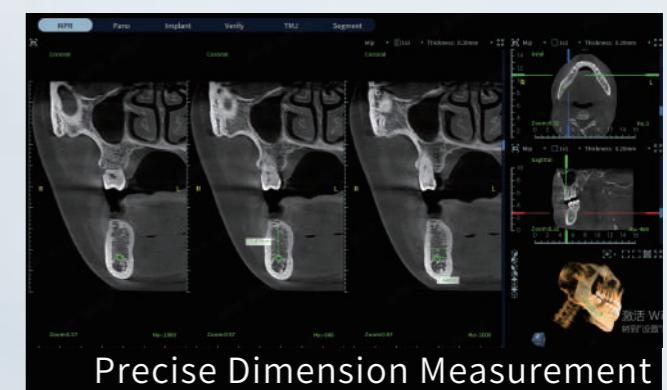
Multi-Planar Reformation(MPR)



Automatic Mandibular Canal Marking



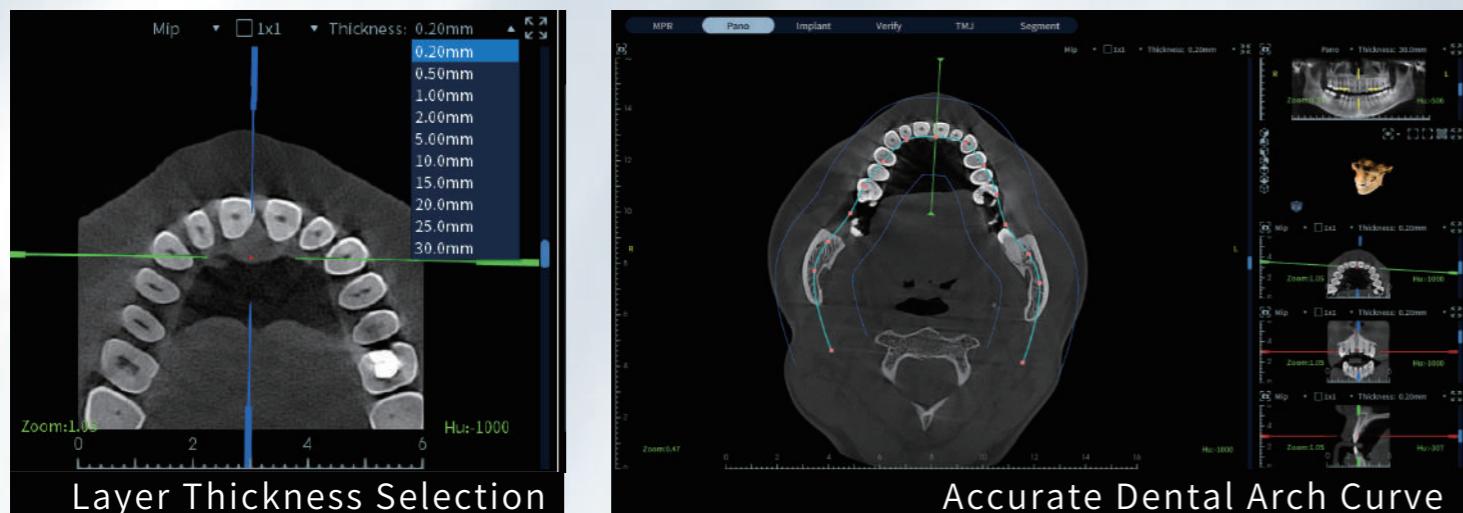
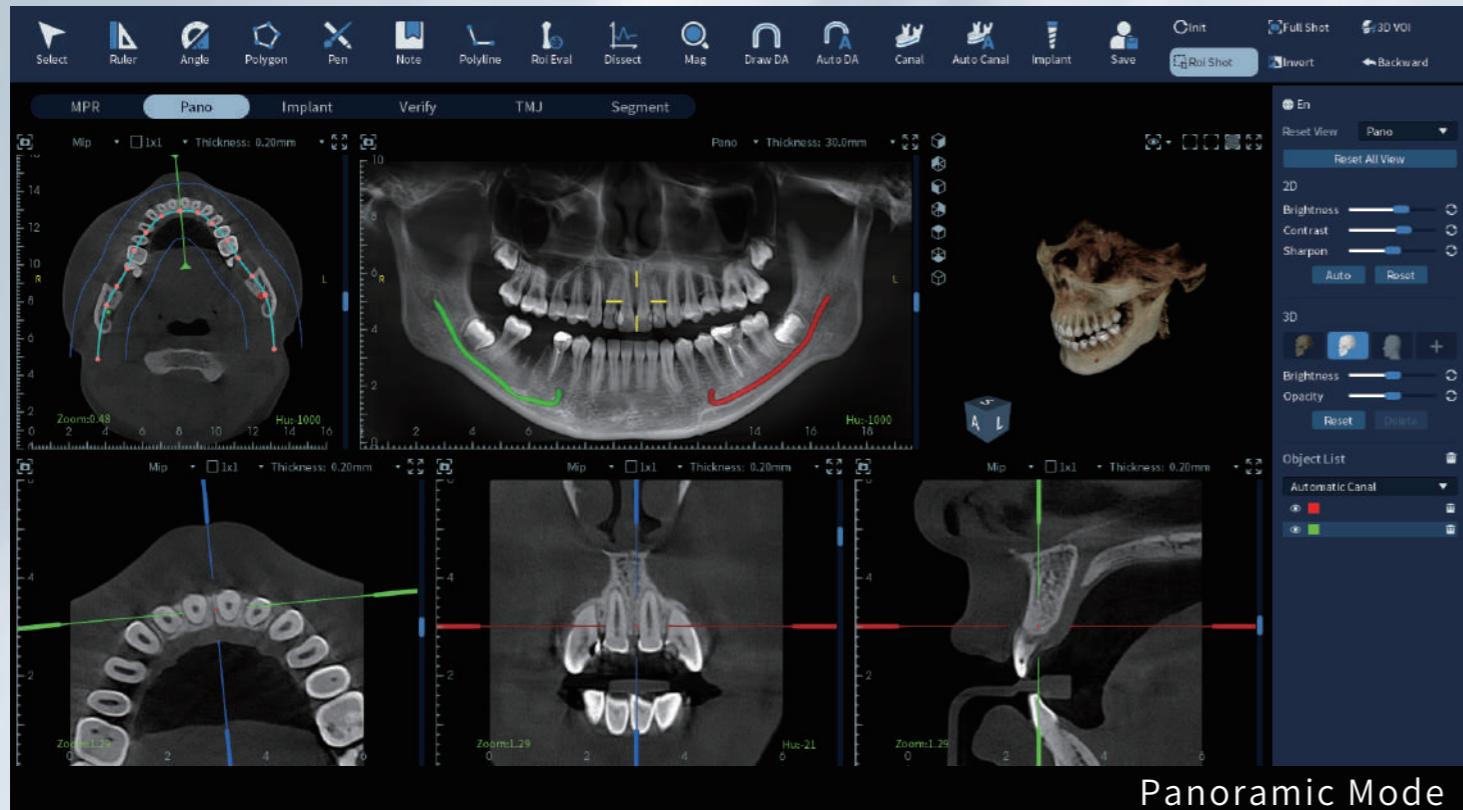
Grayscale Analysis



Precise Dimension Measurement

Panoramic Mode

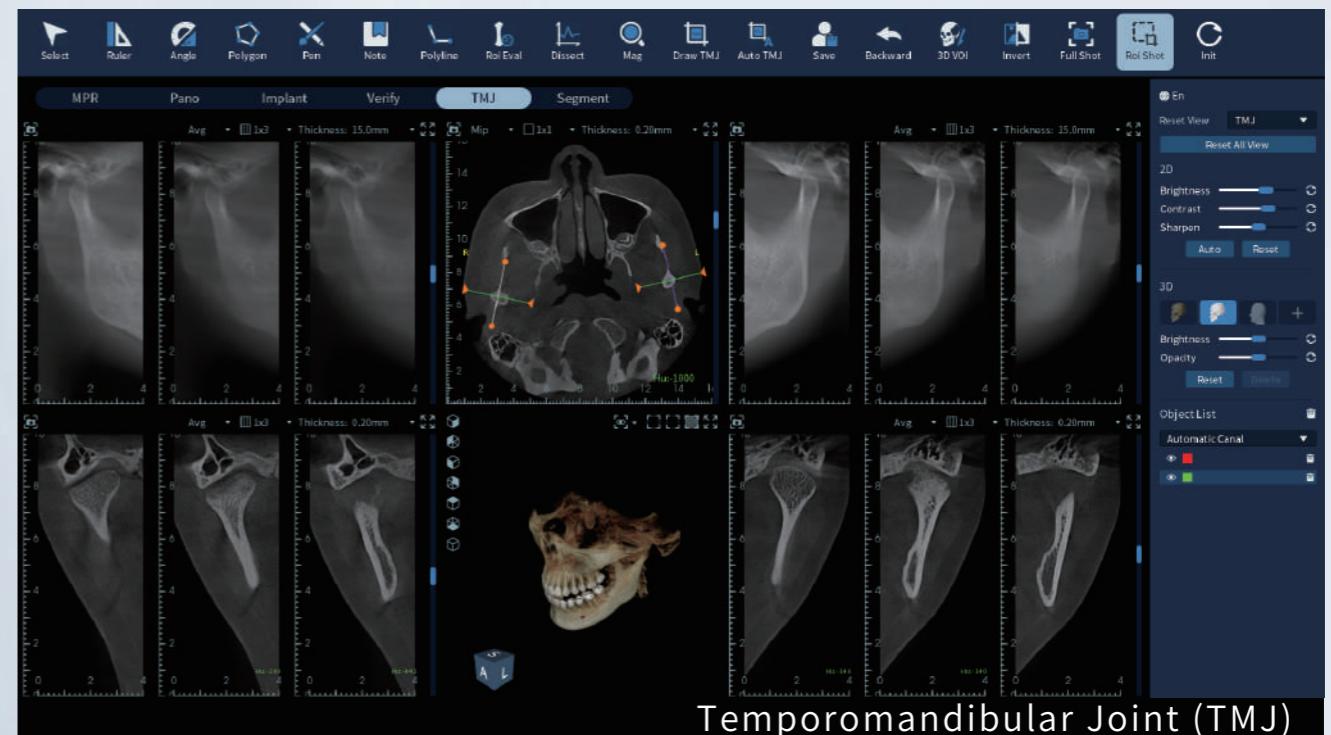
Intelligent generation of high-quality panoramic images for multi-layer observation and comprehensive control
Accurately and automatically delineate the dental arch
Freely switch the layer thickness between 0.2mm and 30mm



Accurate Dental Arch Curve

Temporomandibular Joint(TMJ)

Automatic cross-line positioning
Automatic locating and marking of the TMJ to meet diagnostic needs



AI Root-bone Segmentation

Allows separation of teeth from the alveolar bone, enabling multi-dimensional observation of tooth alignment and the condition of the upper and lower jaws
The automatic nerve canal marking feature saves manual operation time and enhances treatment efficiency

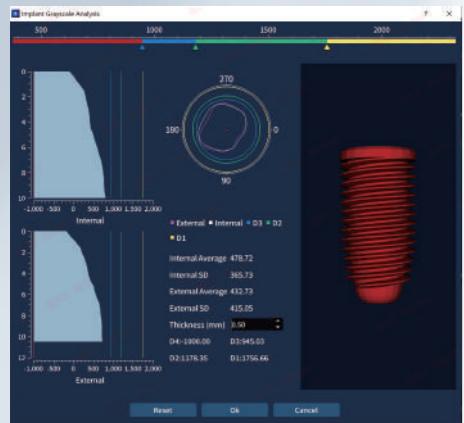


Implant Mode & Virtual Implant Placement

One-stop Implant Solution

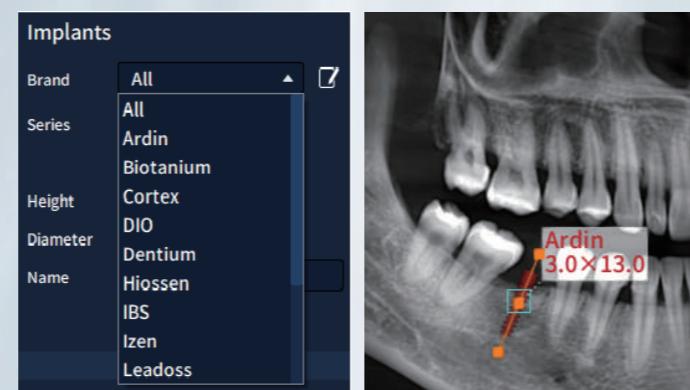
Comprehensive Implant Diagnostic Support

Providing comprehensive diagnostic support with precise grayscale analysis and bone density visualization to improve success rates



Rich Implant Selection Flexible Parameter Adjustment

Covers 14 implant brands. Supports manual implant placement and drag-and-drop parameter adjustment for faster planning



STEP 1

① Positioning

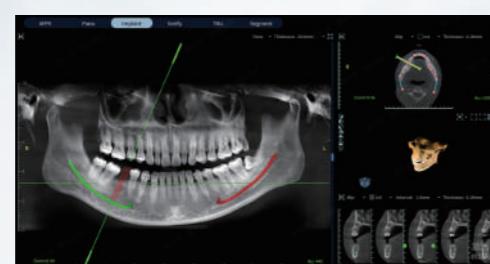
Select implant target area in the 3D model using mouse operation



STEP 2

② Mark

Supports both automatic and manual nerve canal marking
Precisely and clearly displays the nerve canal location

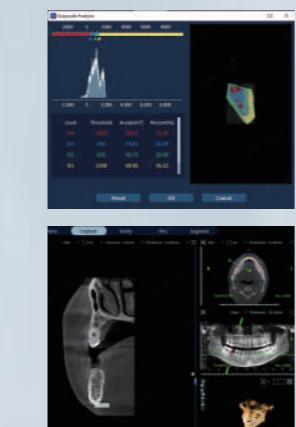


STEP 3

③ Densitometry

Bone densitometry
Select the “Grayscale Analysis” to perform bone densitometry in the implant target area

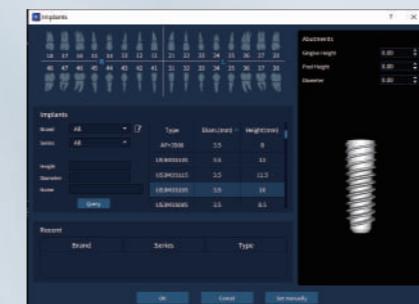
Alveolar bone measurement
Measure the width of the alveolar ridge crest and the distance from the neurovascular canal or maxillary sinus



STEP 4

④ Select the Implant

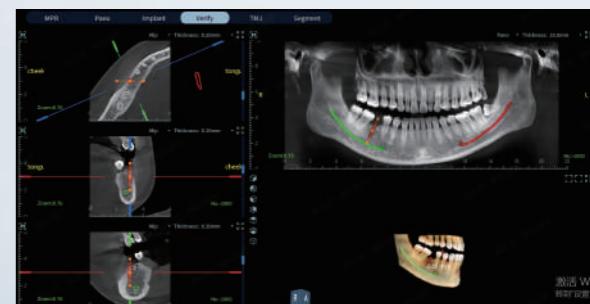
Select a suitable implant from the Implant Library by viewing detailed information on dozens of popular implant brands; then choose the implant site for simulation



STEP 5

⑤ Adjust Implant Positioning

Adjust implant positioning in the virtual mode, with imaging views from the horizontal, coronal, and sagittal planes centered on the implant



Implant & Nerve Canal Collision Detection

In implant placement mode, the distance from the implant tip to the nerve canal is displayed, reducing the risk of nerve collision during surgery



Comfortable and Safe Imaging Experience



Ergonomic rubber-coated handle for comfort, stability and efficiency



Thoughtful voice guidance makes it easy and convenient for patients to position themselves comfortably



The system automatically adjusts dosage parameters based on the patient's age and also allows for self-adjustment as needed

Eighteeth's eCloud: Empowering Intelligent Imaging on-the-Go

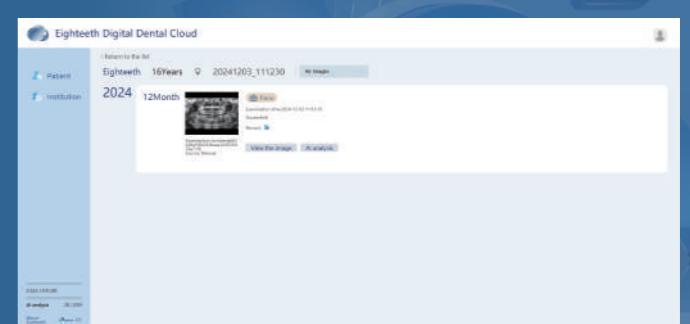
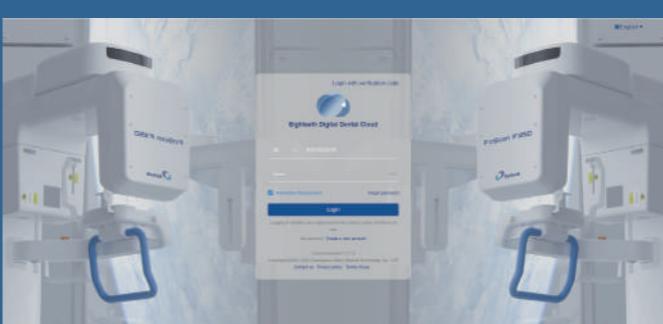
AI Dental Reports: Intuitive and Comprehensive

One-click automatic generation of panoramic and cephalometric analysis reports. Clear diagnostic results reduce communication costs and enhance doctor efficiency



Eighteeth's eCloud: Leading The Digital Dentistry 4.0 Era

Cloud-based smart data connects devices, doctors, and patients, enabling real-time access to patient images within a local area network(LAN). Supports data backup and recovery, making image review and diagnosis easy for doctors



Eighteeth Support Center: More in Tune with Your Equipment Than You Are!

The **Eighteeth Support Center** provides 24/7 remote real-time monitoring of Eighteeth CBCT worldwide, like having a dedicated "health manager" for each machine. If any CBCT abnormalities are detected, our professional team will respond immediately, ensuring the continuity of your operations



*Eighteeth will always strictly adhere to local data protection regulations. The monitoring of device operations is solely for equipment maintenance and technical improvements, and does not involve the collection or use of any personal information



Eighteeth "Care+" After-Sales System

Reliable Operation with Real-Time Support

Professional After-Sales Support

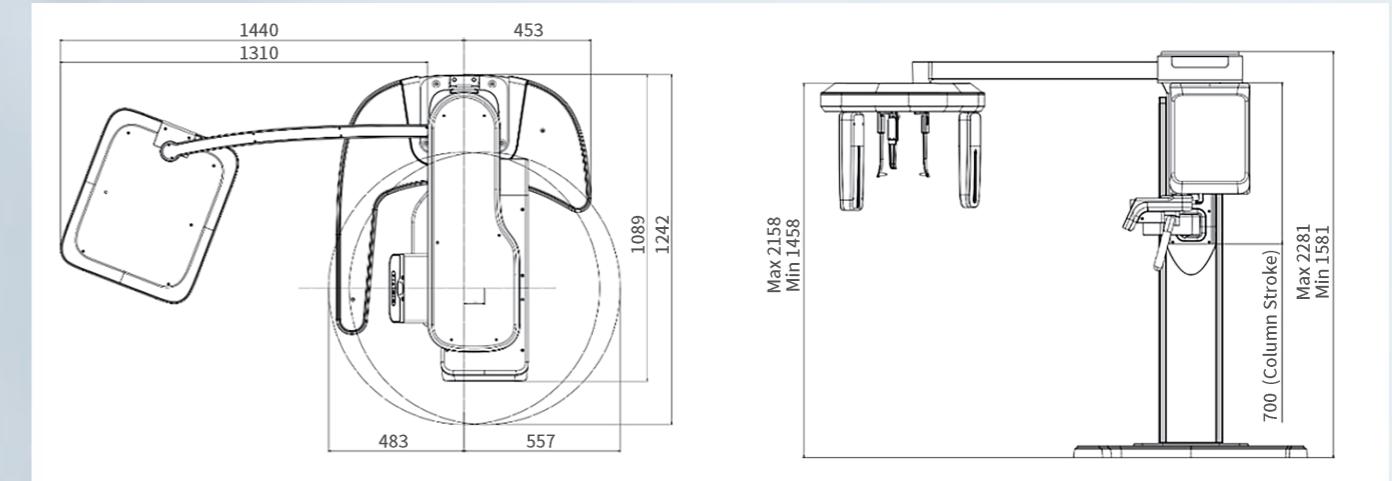
Eighteeth has a professional after-sales team and multiple customer service platforms available 24/7 year-round, providing expert and comprehensive support

-  Expert site planning recommendations
-  One-on-one expert training
-  On-site installation by appointment
-  Free remote software support
-  Rapid online and offline support

Parameter Specifications

X-Ray Beam		Cone Beam	CT	9s or 18s
FOV (CT)		16x10cm, 4x4cm, 8x8cm	Scan Time	Panoramic 14s
Tube Voltage Range		60kV ~ 100kV		Cephalometric 8s or 6s
Focal Spot		0.5	Reconstruction Time	≤ 60s
Voxel Size(mm)		0.10, 0.15, 0.20, 0.25, 0.30	Patient Positioning	Standing/Seated/Wheelchair Accessible
Spatial Resolution	CT	2.0lp/mm	Installation	Upright
	Panoramic	3.0lp/mm	Controls	Laser Light: touch pad Exposure & Image Capture:workstation
Detector Type	Cephalometric	2.5lp/mm	Device Dimensions	1893 × 1242 × 2281mm 74.5 × 42.9 × 89.8 inches
	CT & Panoramic	CsI + TFT array	Device Weight	220 kg/485lb (±10%)
Image Gray Scale	Cephalometric	CsI	Workstation	Operating System: Windows 11, 64-bit Memory: 16 Gigabytes RAM, or more
	CT & Panoramic	16 bits		
Cephalometric				

Product Size



Product longitudinal height range (mm)	1581-2281 (The overall liftable height range is 700mm)
Longitudinal column movement range (mm)	≥600
Product Weight	220kg(Excluding outer packaging) Tolerance: ±10%