



ES-3D VISTA

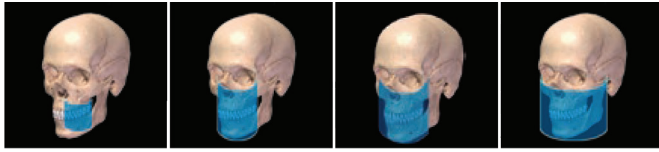
Multifunctional Dental CBCT



IMAGING SYSTEMS

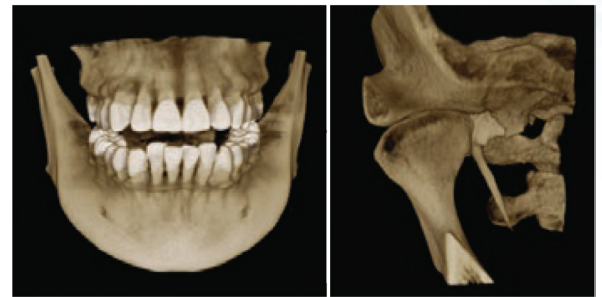


Profession CBCT system

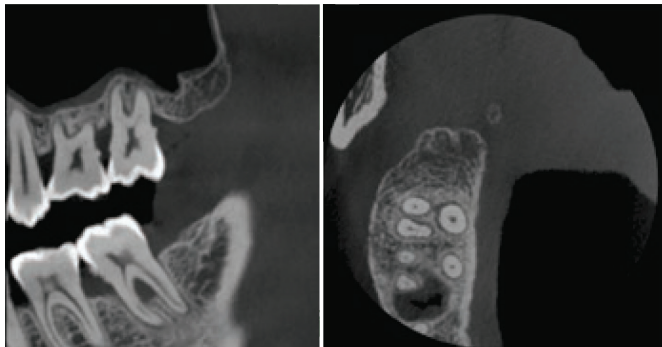


5cm×5cm 8cm×8cm 12cm×8cm 15cm×8cm

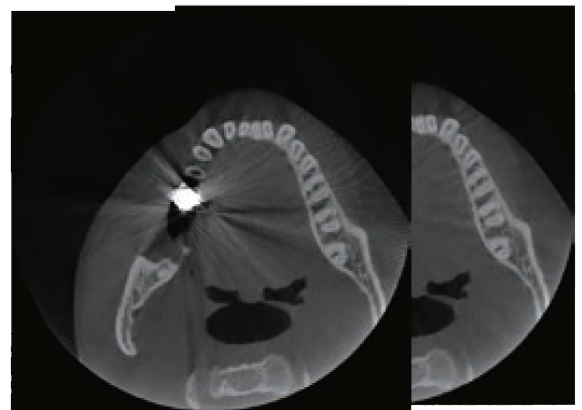
Flexible 5cm x 5cm - 15cm x 8cm FOV



Resolutions 2.0lp/mm and voxel size from 0.1-0.25mm



0.5 mm minifocus X-ray tube ensures superior image quality



TrueMAR correction module for metal artifact removal

Pan and Ceph functions



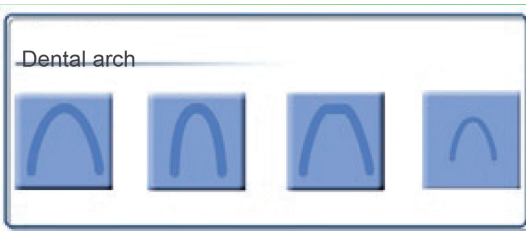
Dentition Mode



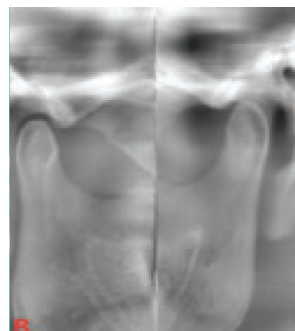
Full/Half width images optimize dose



World-leading 27µm CCD Ceph Sensor



Shape of dental arch
Pre-programmed shape (wider arch, standard arch, taper arch and children arch)



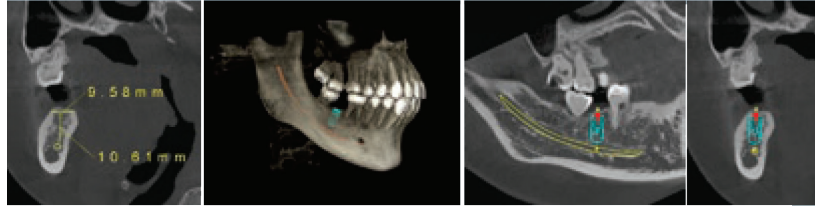
Joint Mode



Carpus image for bone age estimation

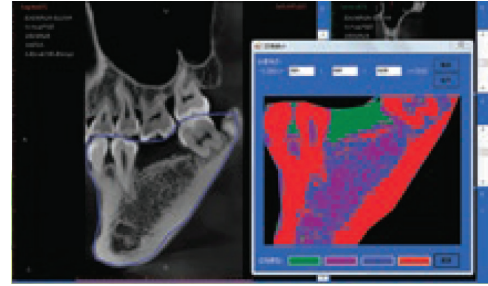


Convenient diagnostic software

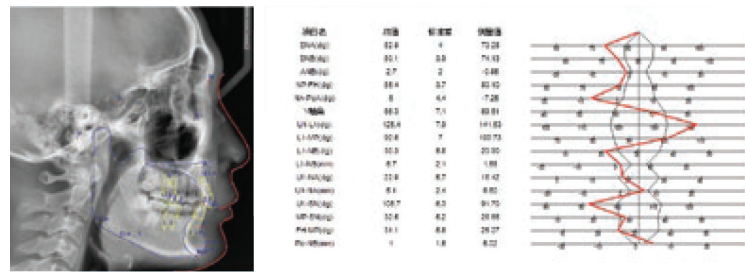


Implant simulation

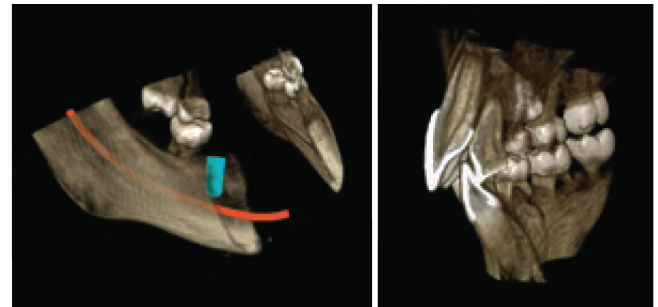
With the assistance by the 3D image of maxillofacial region generated by Hires3D, the implants' position, length and diameter can be determined.



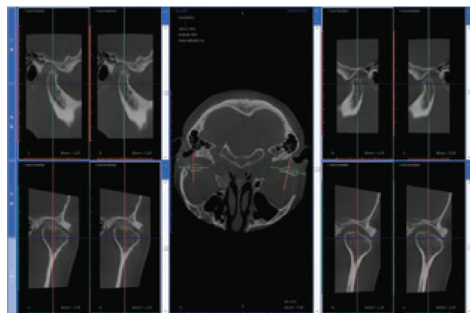
Bone density indications
Area coloring



SmartCeph - Cephalometric Measurement software



Straightforward 3D display make users' communication easy



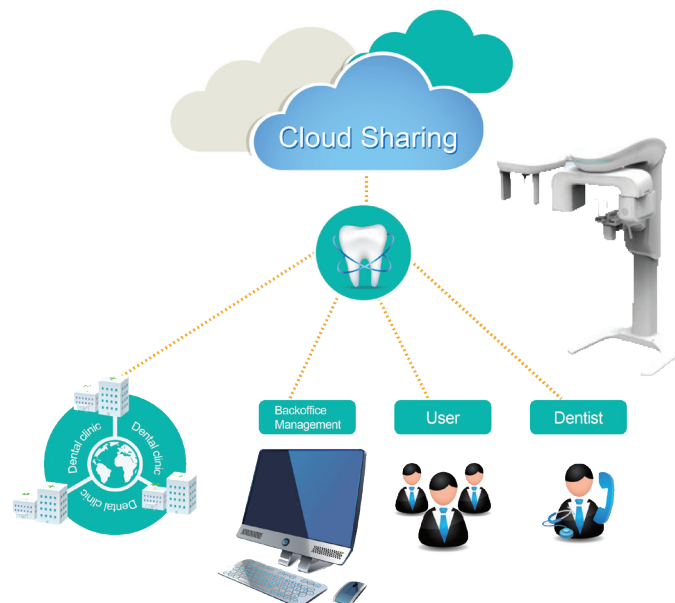
TMJ Joint diagnosis

SmartV can display the left and right TMJ on screen, providing more information for the diagnosis and treatment of TMJ disorders



Precise reconstruction

The minimum voxel size up to 0.1 mm, more suitable for the diagnosis of Endodontics disease





The machine parameters

X-ray Tube Voltage: 60-100kV

X-ray Tube Current: 2-10mA

Max Exposure Power: 600W

CT Sensor Type: CsI+CMOS Flat Panel Detector

CT Field of View(D*H): 15cm x 8cm or 12cm x 8cm
8cm x 8cm
5cm x 5cm

CT Voxel Size: 0.25mm / 0.125mm / 0.1mm / 0.075mm

CT Spatial Resolution: 2.0 lp/mm

CT Scan Time: 15s

CT Exposure Time: 13s

CT Reconstruction Time: 15s~40s

Pan Sensor Type: CsI+CMOS Flat Panel Detector

Pan Sensor Pixel Size: 0.1mm

Pan Exposure Time: 6s~11s

Ceph Sensor Type: CsI+CCD TDI Detector

Ceph Sensor Pixel Size: 27µm

Ceph Exposure Time: 8s~13s

Focal Spot Size: 0.5(IEC336)

Weight: With Ceph function: 335kg

Without Ceph function: 285kg

Power Requirements: AC220V±10%, 50Hz, 2000VA

Outer Dimensions:

With Ceph function: 1978mm × 1526mm × 1693~2393mm

Without Ceph function: 1100mm × 1526mm × 1693~2393mm

Room Requirements:

With Ceph function: 2.5m × 2.1m × 2.5m

Without Ceph function: 1.6m × 2.1m × 2.5m

Description

- 360°full angle accurate scanning
- Advanced 0.5mm minifocus X-ray tube
- World-leading 27µm CCD Ceph Sensor
- Patent anti-collision indicating device
- Six laser beams for easy positioning
- Zero dose Presentation Mode
- Embedded Panoramic module, no requirement to dismantle
- Integrated sensor for both panoramic and 3D images
- Touch screen and electric chinrest guides users smoothly through their work
- Pre-programmed scan mode for different images
- Three fields of view with a variety of scan mode cater to all clinical applications



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