

Technical Specification

D55 3 in 1 CBCT

Anode Voltage 60~90 KV	Anode Current 4~10 mA
FOV (H*W) 16*10cm,5*5cm	Inherent Filtration 2.5 mmAl
Focal Spot 0.5 mm	Voxel Size 0.25, 0.2, 0.1, 0.075 mm
Scanning Posture Standing	X ray emission type Pulsed
Scanning Time ≤15 s	Constructing Time ≤60 s
Recommend Installation Space 1900 (L)*2100 (W)*2300 (H) mm	Gray Scale 14 bit
Dimension 1560 (L) *1960 (W) *1733~2283 (H) mm	



FUSSEN

D55 3 in 1 CBCT



AJAX Ajax Dental Supplies Ltd.

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Multi-function panoramic



HD Panoramic Image

Multi function CBCT provides variety of panoramic imaging modes, including standard mode, child mode, segment imaging, etc. to satisfy the imaging requirements of different jaw arch shapes and different examination requirement.



Child Model



Segment Panoramic Image

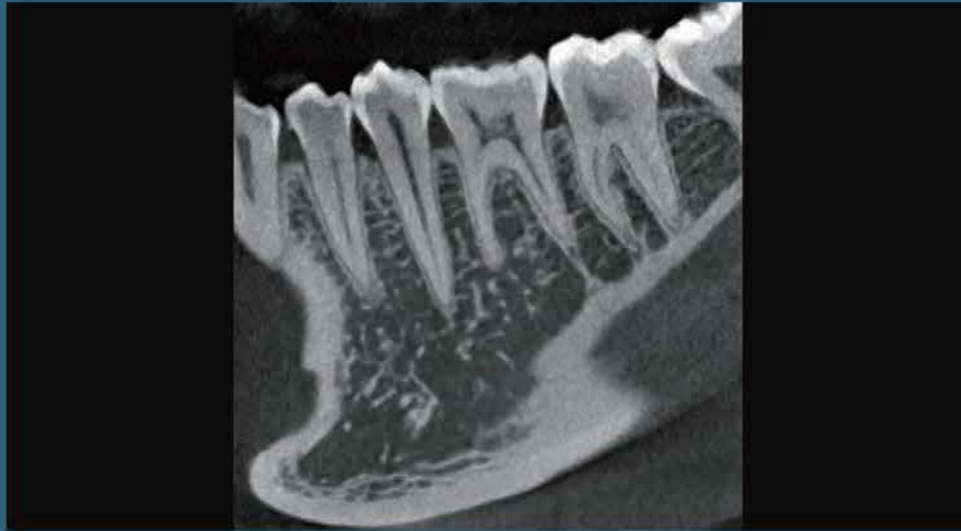
Artificial Intelligence guided panoramic imaging: Automatic dental arch positioning based on artificial intelligence technology can improve the positioning accuracy of patients in panoramic imaging, improve image quality and avoid repeated inspections due to positioning errors.

Multi-function Cephalometric

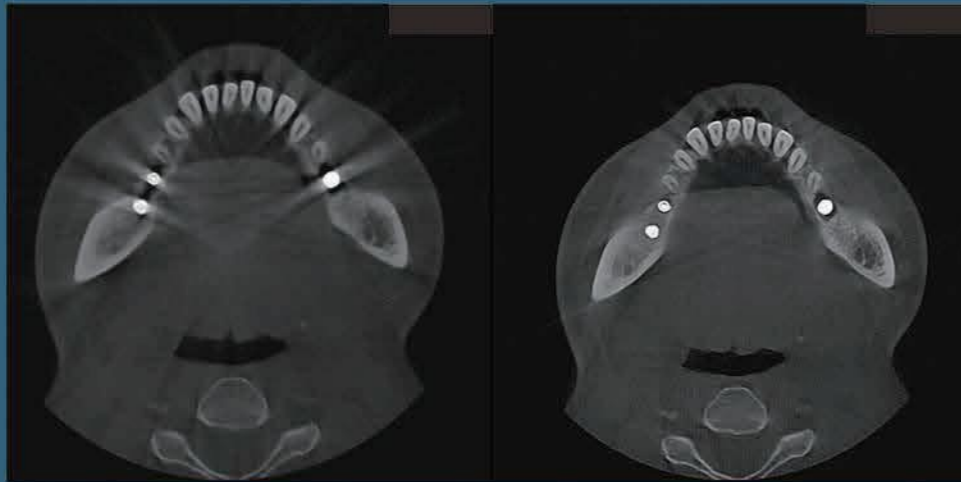
5 Modes : PA, LAT, Waltz position, Caldwell position and Metacarpal



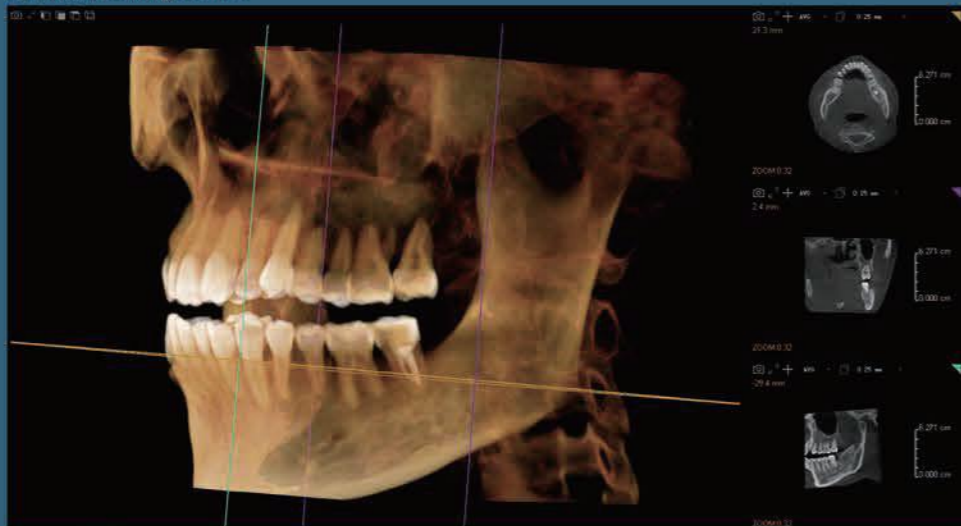
Excellent Imaging



Hi-resolution mode (75 μ m), it helps doing diagnosis in difficult endodontic cases



Removing metal artifact, makes image more clear and easy to make diagnosis

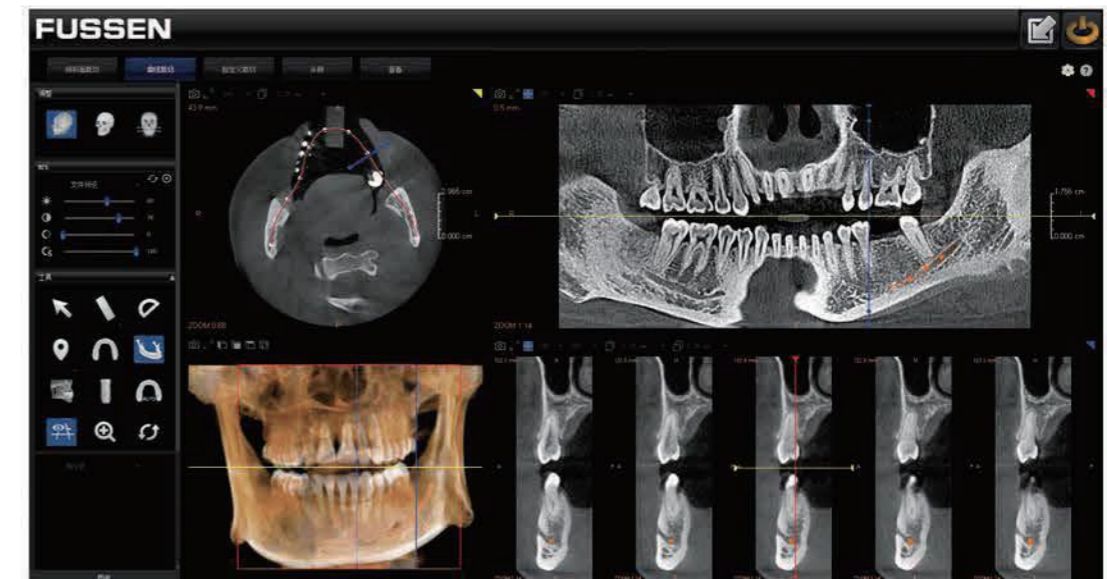


Big FOV 16*10, it almost fit all requirement for dentist, One-time scan can construct the image for mandibular, maxillar and TMJ

Easy-operated Software

D55 has powerful algorithm to construct 3D model and panoramic image

Output with DICOM to fit all third party software



Implant Surgery Custom Plan

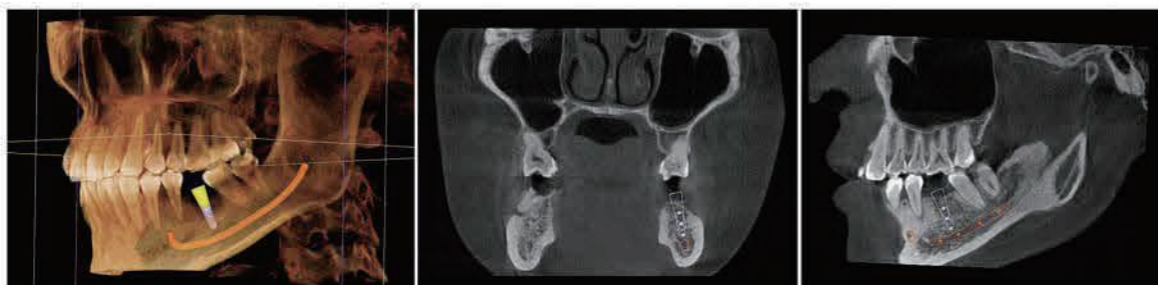
Neural Tube checking

Find the relationship between neural tube and third molar
Check the distance between neural tube and implant in case of the implant touch neural tube



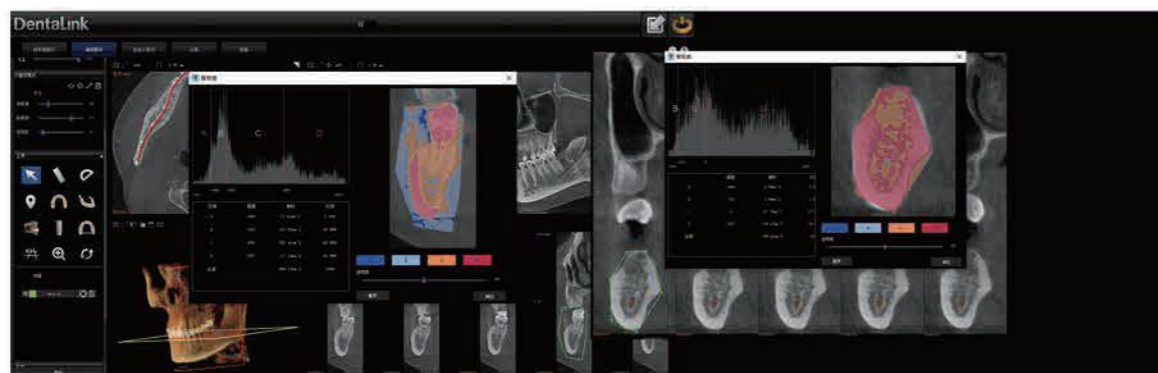
Simulated Implant

DViewMartix released new 3D implant simulation module, it can measure missing tooth's width, height and bone density.
Also it has implant libraries, put the characteristics of implant and simulate a implant operation



Measurement for Bone Density

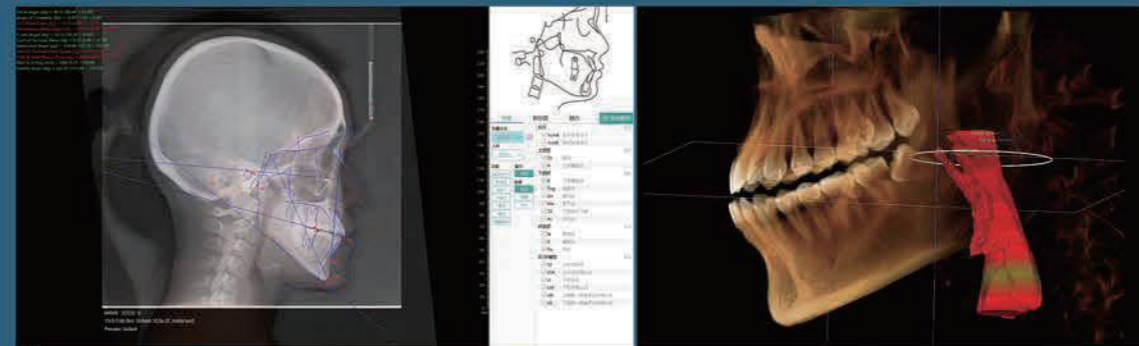
Providing foreseeable situation reference before implant surgery



Planning for Orthodontic Treatment

Cephalometry

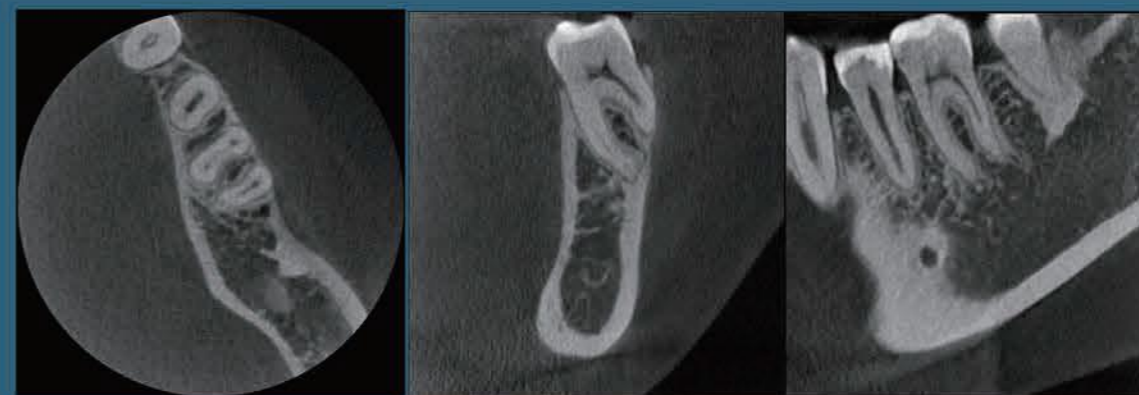
14 measure method plans
Customized measure method
Easy finding measure point
Easy Operation



Analysis Trachea

Before the orthodontic treatment designed, we can analysis trachea. It can helps dentist to plan the orthodontic treatment for some special case like OSAS, OSAHS

For Pulp canal treatment



TMJ

16*10 big FOV for both side in one examination

