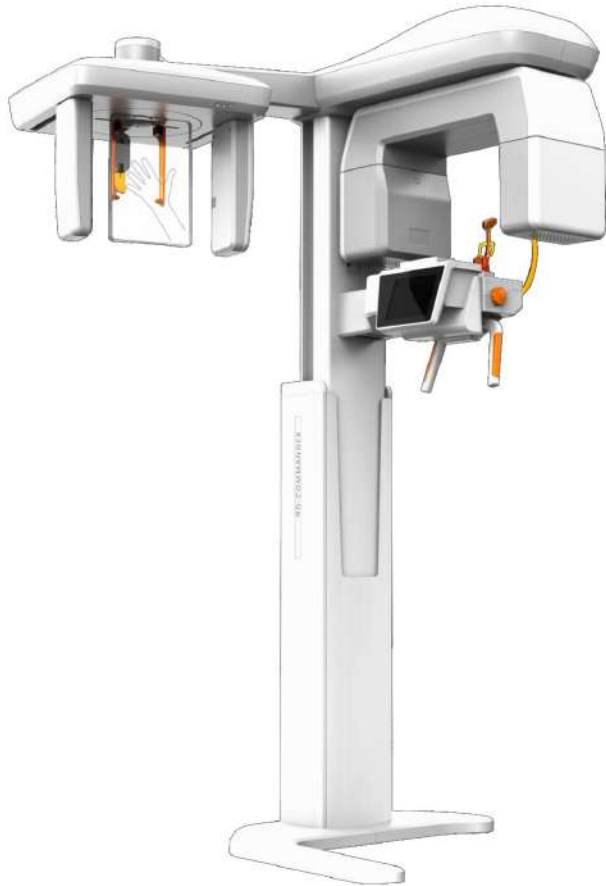


# C3CT

4 IN 1



## M2 FoV Technology

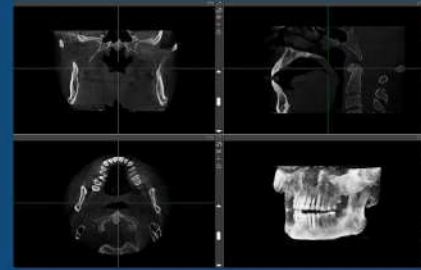
Ajustable FoV, Step 1cm, customize your choice

## Tomosynthesis Technology

Multiple trail, smart imaging

## 4 in 1, extra function for all applications

Fully support CBCT, panoramic, cepha, wrist and model scanning



CT



panoramic



cephla



model scanning



# INTELLIGENCE

Humanized design brings innovative user experience



3 ways to control: touch screen, button at main position and lateral position



Fully enclosed column, well protected design, safe and neat



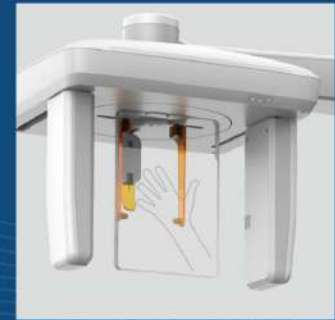
Patient enters scanning position from side. Open base design. Face to face head positioning. Easy access for wheelchair



Intuitive design with status indicator light and voice notification. 8 inch touch screen control



Storage box for patient to hold glasses, ear rings, necklace and so on



Removable wrist guide board to help scan wrist

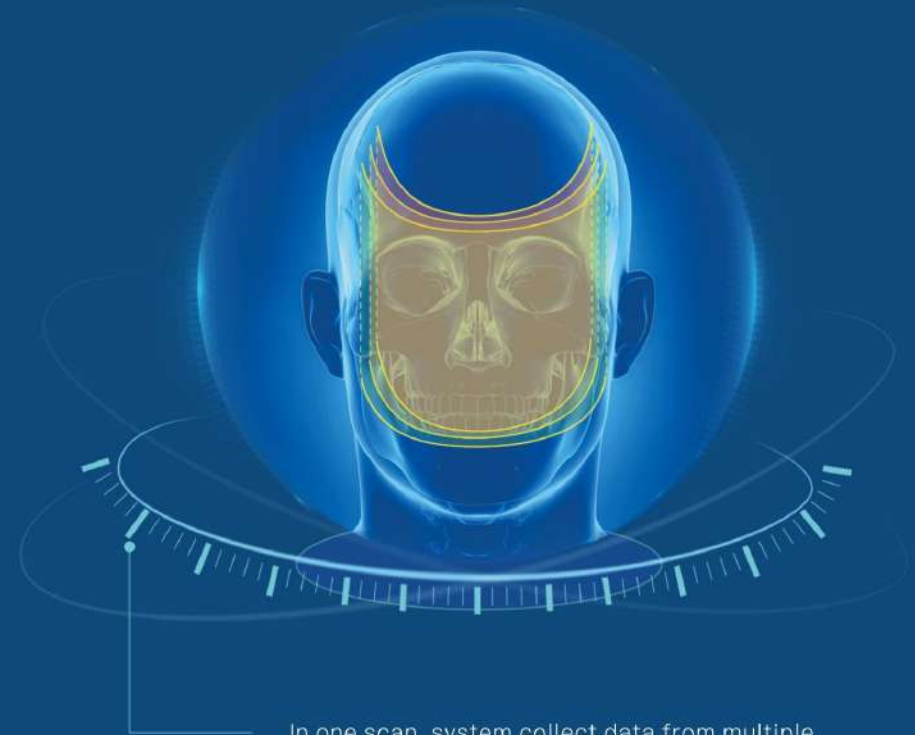
## M2FoV, variable FoV for your preference

Leading technology of M2FoV. The FoV varies from 5cm\*5cm to 16cm\*17cm. change of FoV can be as small as 1cm. FoV can be adjusted freely to fit treatment



## Tomosynthesis multiple trail smart panoramic technology

In one scan, system collect data from multiple trails and select optimized image for output



In one scan, system collect data from multiple trails and select optimized image for output

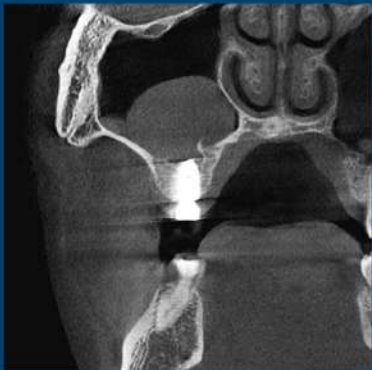
## Adjustable FoV, minimum exposure dose

Set FoV according to treatment plan, optimize exposure dose to ensure As Low As Reasonably Achievable (ALARA)



## Metal artifact removal

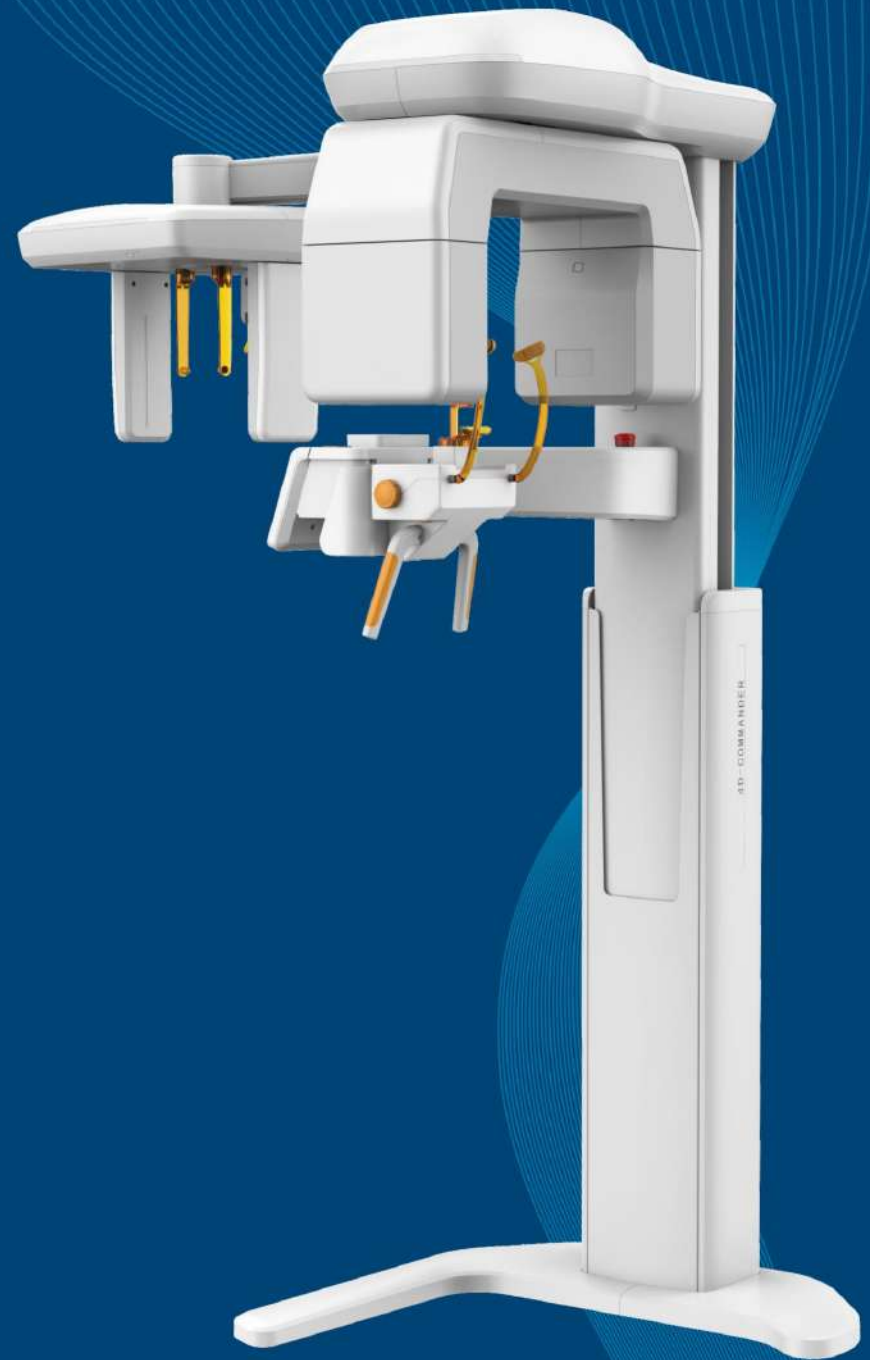
Self developed SMARTer metal artifact removal algorithm delivers outstanding result



Metal artifact



Metal artifact removed



# 3D software for precise treatment

# Image Display



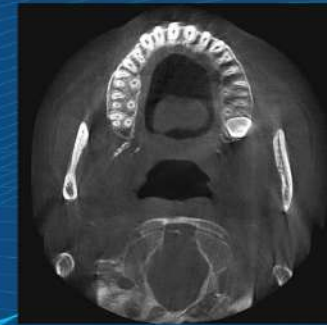
implant simulation



cephala measuring



missing tooth



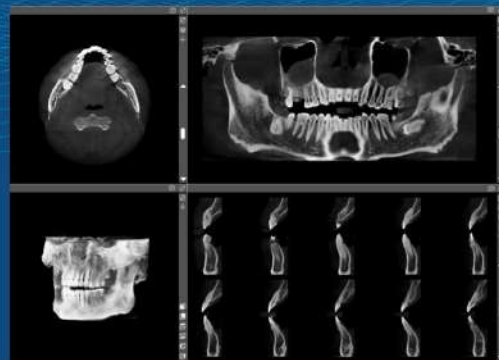
root canal



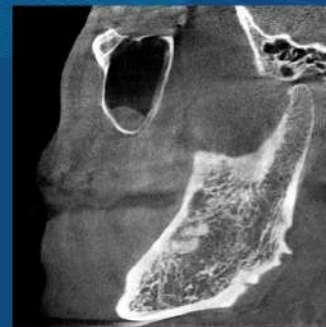
broken root



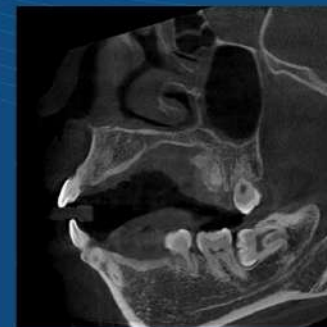
mandibular nerve canal marking



Automatic surface tomography



TMJ



wisdom tooth



Maxillary sinus

## Equipment software monitoring

- Self developed IoT solution can monitor equipment status in real time. Any failure will be sent to service in real time for quick support
- Real time monitor equipment parameters, such as running time, scanning times, tube life, maintenance info and so on
- One key to maintenance provide more safeguard to clinic operations



## Dimensions



## Technical Parameters

Mode	CBCT, Panoramic, cepha, TMJ
CBCT Detector	Amorphous silicon detector / CMOS
Grey scale	16bit
Tube voltage	70~90Kv
Tube current	4mA~10mA
Focus	0.5mm
Patient position	stand up, face to face
Scanning time	CBCT 15s panoramic 17s Cepha 0.7s/12s TMJ 20s
Reconstruction	<60s
FoV	15cm*10cm (5*5~15*10 adjustable) 16cm*11cm (5*5~16*11 adjustable) 16cm*17cm (5*5~16*11 adjustable, 16*17)
Voxel	0.25mm, 0.2mm, 0.1mm, 0.075mm
Dimensions	1900mm (L) *1350mm (W) *1700~2400mm (H)
Min. Footprint	2500mm (L) *2000mm (W) *2700mm (H) , with Cephla 2000mm (L) *2000mm (W) *2700mm (H) , without cepha

# FEELIN SYSTEM



A software design for digital dentistry.  
A perfect partner for dental offices