A Whole New Horizon
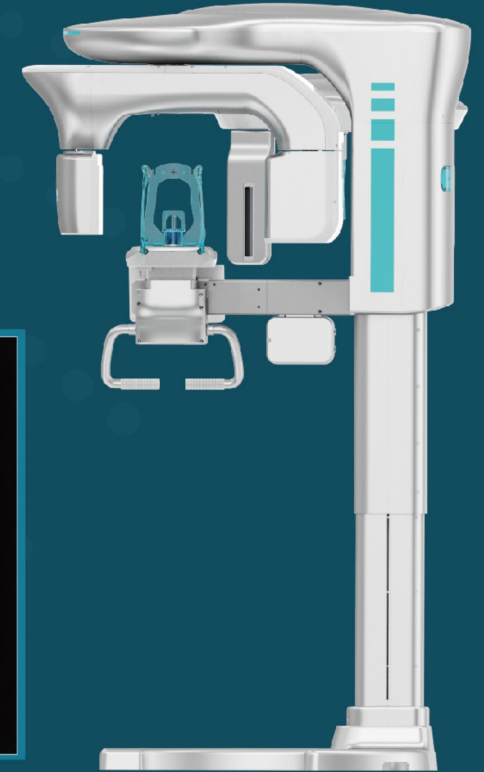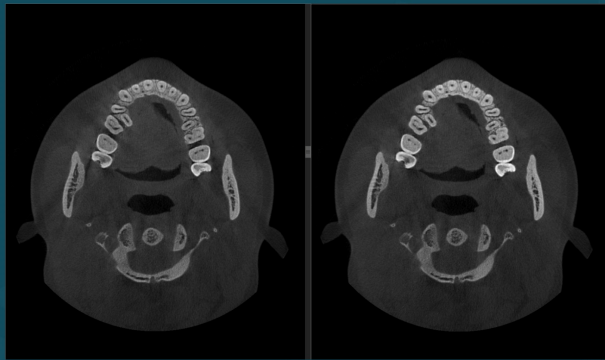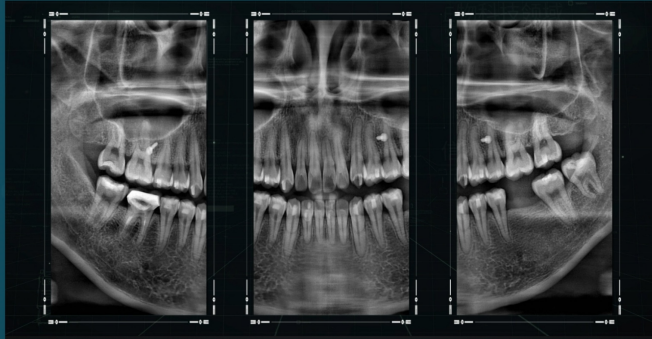
The high-performance CMOS detector supports stepless regulation, with a maximum FOV of 16×9 cm, and a minimum voxel of 0.05 mm. The skull acquisition mode supports 3S UF scanning, and minimum pixelation of 99 um, guaranteeing fast acquisition of high-quality images.

16×9
Maximum FOV of 16×9

0.05mm
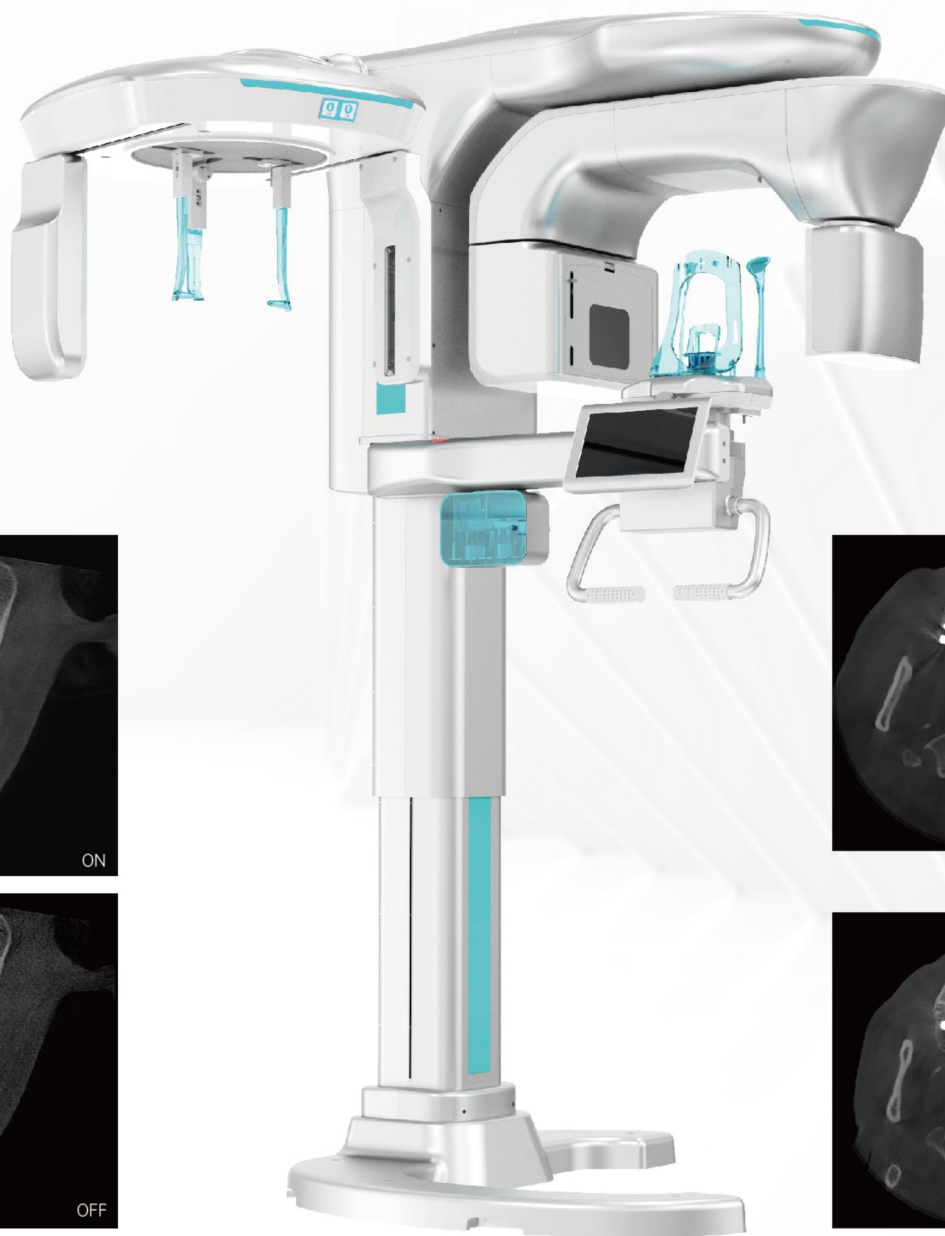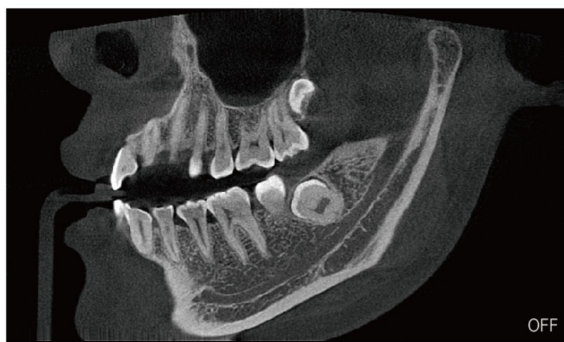Minimum voxel of 0.05 mm

CMOS
CMOS detector

0.3s
3S UF scanning

Smart Removal of Ghost Image
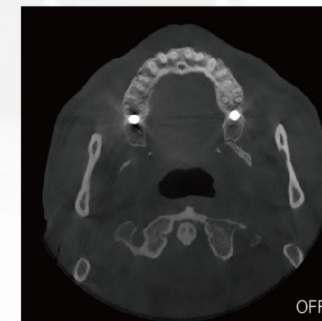## Perfect Image Quality

King Kong adopts the total variation wavelet-based denoising technology/algorithm in which the combination of frequency domain and time domain suppresses noise more efficiently to ensure better resolution of the digital images.

ON

OFF

AI-MAR Intelligent
Ghost Image Removal

King Kong uses the innovative AI-MAR intelligent ghost image removal technology to eliminate metal artifacts and provide a more accurate CT image. Its intelligent demetalization algorithm sets different parameters intelligently, based on the size and density of metal objects, and processes metals of different textures and sizes efficiently and optimally.

ON

OFF

ON

OFF

Smart Removal of Ghost Image
Perfect Image Quality

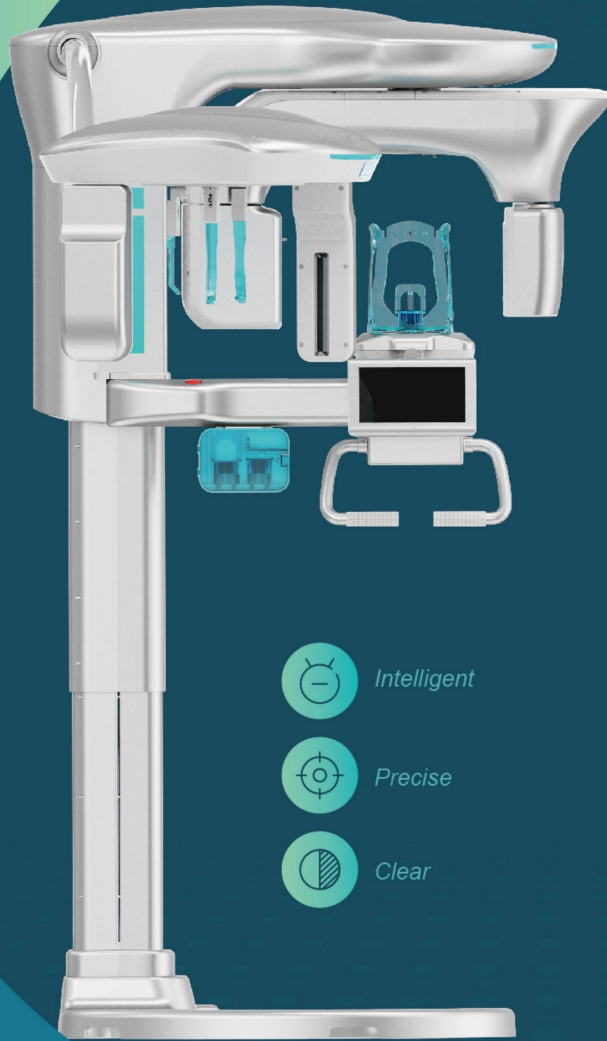### MODEL-BASED ITERATIVE BONE-HARDENING-CORRECTION

King Kong's innovative model-based iterative bone-hardening-correction technology eliminates the artifacts caused by dense bone tissues such as head and teeth, improving the clarity of tissue structures as well as the accuracy of clinical diagnosis through the model-based bone-hardening-correction algorithm.

DYNAMIC FOCUSING TOMOSYNTHESIS ALGORITHM

King Kong adopts the dynamic focusing tomosynthesis algorithm to intelligently identify different dental arch shapes to generate five high-definition panoramic images at one time. The dynamic focusing tomosynthesis technology permits optimal image formation for patients with different dental arch shapes.

Intelligent

Precise
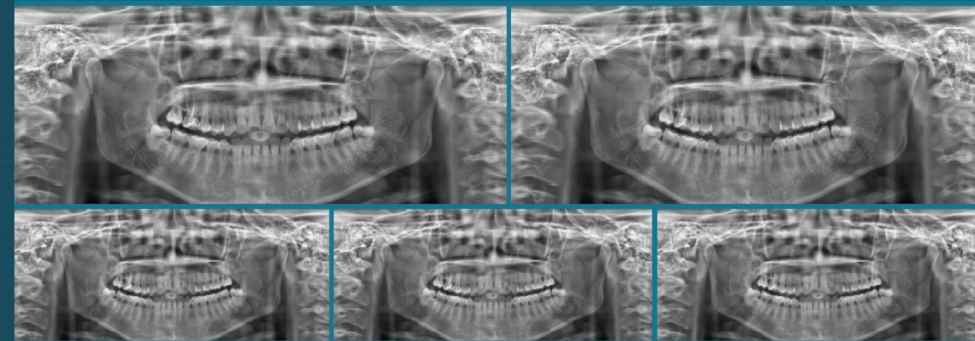
Clear

Smart Removal of Ghost Image
Perfect Image Quality

The Clear-Vision technology reduces the difficulty in panoramic positioning and prevents ghost image formation and distortion caused due to the spine or airway, ensuring better clarity of images.

Standard Professional
Orthodontic Software

The software supports automatic tracing, in which lateral cephalograms are integrated with the patient's lateral view using fixed-point posterior integration, after which changes in the soft tissue profile caused by the adduction of upper and lower anterior teeth, rotation in the maxillary and mandibular planes, and genioplasty can be studied. It also helps to predict the mandibular growth trends in the patient.

Automatic tracing

Prediction of growth and change trends
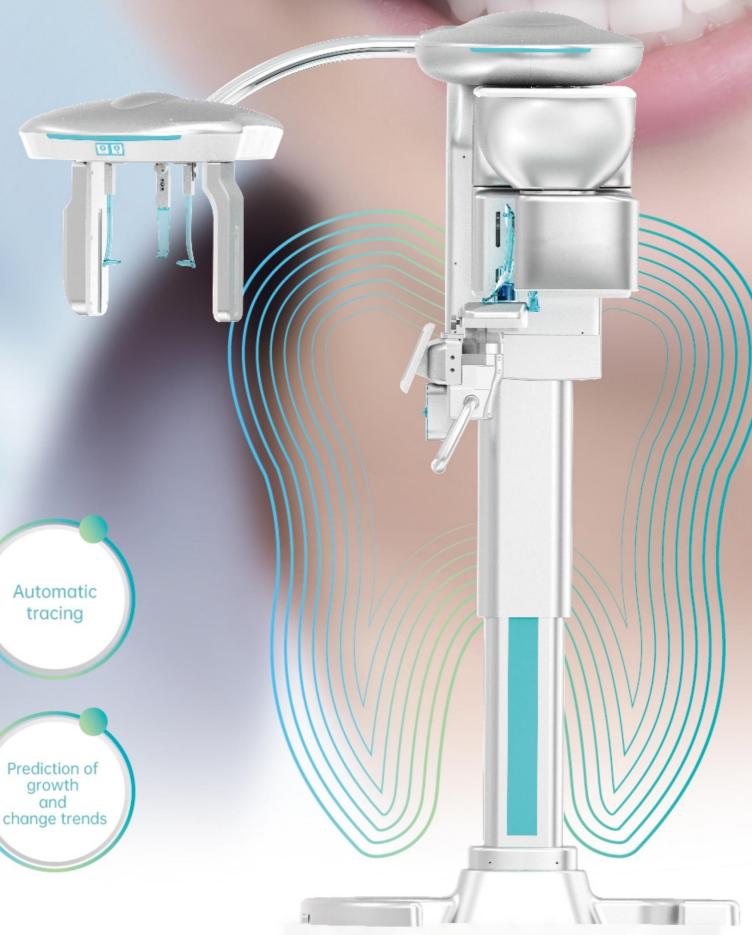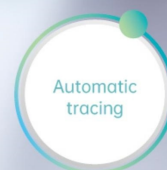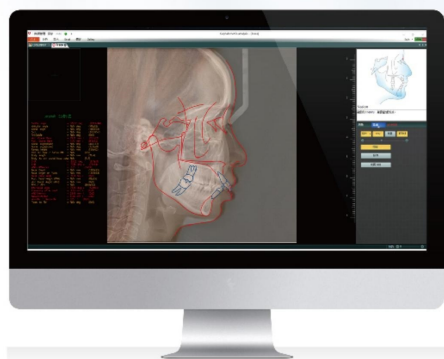
Precise Positioning Supports Local Ultra-Clear 3D Display

- Supports local CT, to perform precise positioning and offline reconstruction based on real patient data, and avoids re-shooting or multi-shooting due to position deviation or when multiple diagnoses are required.

- Supports local CT ultra-clear display, with a minimum voxel up to 0.05 mm.

- Supports the brush marking function, to ease doctor-patient communication, as well as a disease report database to facilitate doctors to quickly mark the pathology.

- The innovative maxillary sinus photographic mode combined with an electric lifting chin rest achieves mobile FOV photography and meets the requirements of maxillo-facial scanning.

- CT 8S UF scanning (mitigates image shooting failure caused by patient movement).

- Powerful post-processing software.

Local ultra-clear display

Mobile FOV photography
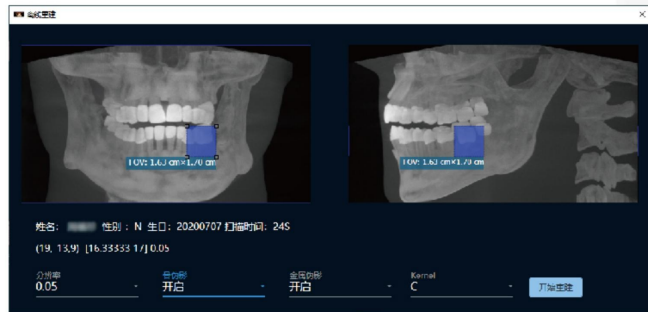
Real Projection in the Adem Position Accomplishes Stepless Regulation in the CT Imaging Area

The size of the imaging area can be adjusted arbitrarily based on clinical requirements to achieve an ultra-clear 3D display.
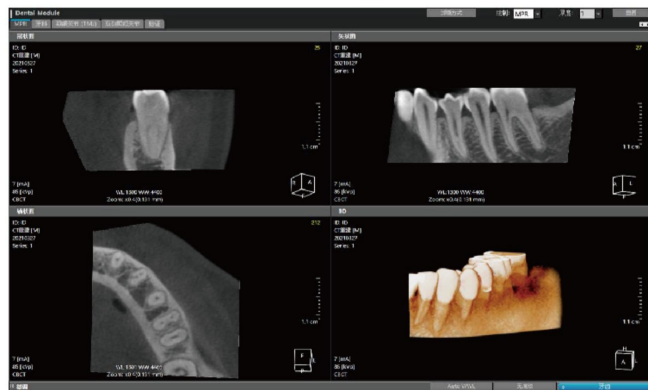
▶ 0.05 voxel figure

Friendly Design, Smooth Communication

- Doctors can use a microphone to talk with patients in the shielded room at any time, and light music can help patients relax during the scan.

- Patients can enjoy a VIP experience that will make them feel at ease, and the equipment has the AI intelligent voice prompt function before, during, and after shooting.

Vocal Communication / Intelligent Vocal Prompt / Music Function

Premium Service, Excellent Product

Professional More Trustworthy Service!

You are immersed in Angell Technology's global customer service system from the moment you choose Angell Technology and continue to benefit from standard, professional, and humanized comprehensive customer service solutions.

Global After-Sales Service System
A global after-sales service network, and a high-quality professional service system. Creating the quality of "361° nanny services", and providing more care for customers.

Manufacturer Direct After-Sales Services
A professional after-sales service team provides after-sales services through professional dental CBCT training.

Out-of-Warranty Support & Continuous Software Iteration and Upgrades
Out-of-warranty product solutions and continuous software upgrades are provided for the products for a long time.

30 30 domestic customer service outlets

27 27 domestic libraries

20 20 years of excellence in imaging products