ANGELL

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QOMO

CEILING-MOUNTED DYNAMIC DR

Create a new vision of dynamic DR

Medical X-ray Digital Radiography System

EXCELLENT DYNAMIC IMAGING TECHNOLOGY

The dynamic detector technology independently developed by Angell Technology provides visualization conditions for clinical examinations, and realizes fast and high-definition spot-film, and accurate diagnosis. From two-dimensional anatomical imaging to organ function imaging, make diagnosis more accurate!

HIGH RESOLUTION
Dynamic DR

17X17
inches

9.4M
Pixels

2S Fast
Imaging Speed

DFP
Simultaneous
Exposure

ANGELL

INTELLIGENT MOTION CONTROL SYSTEM

The intelligent system offers flexible operation, stable performance, accuracy of movement, convenience for all clinical application, such as emergency, orthopedic, digestive, and radiology departments.

Tube movement in all directions

The system supports fully manually and fully motorized control. Capacitive sensor detection set in tube head corner, when you press that green color area, the system will release easy all movement in high efficiency.
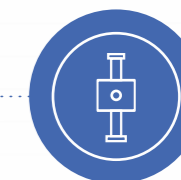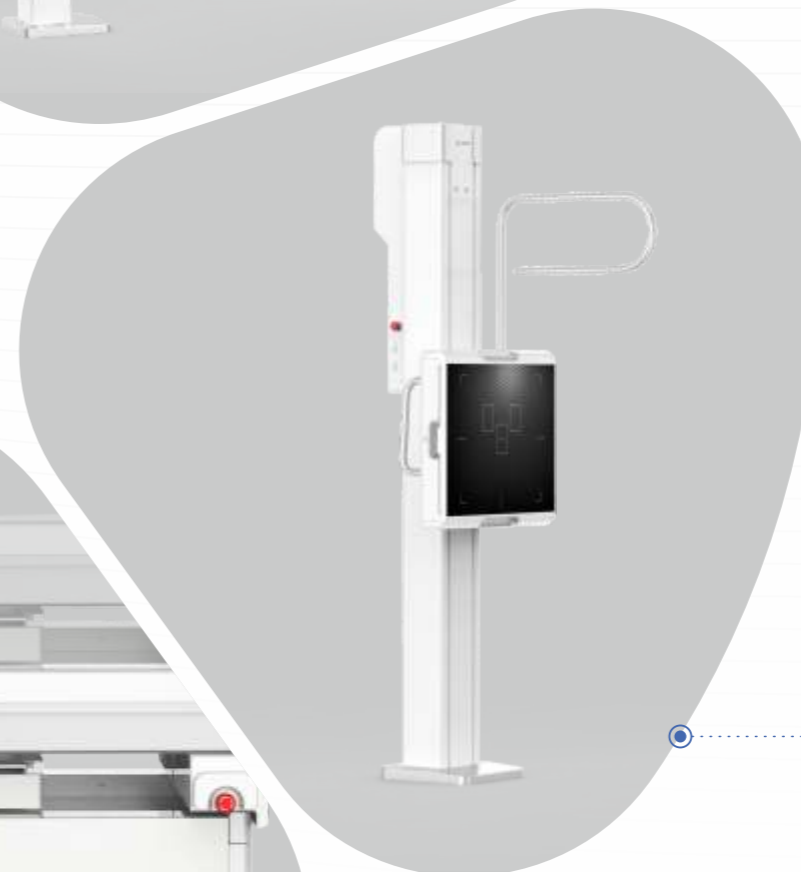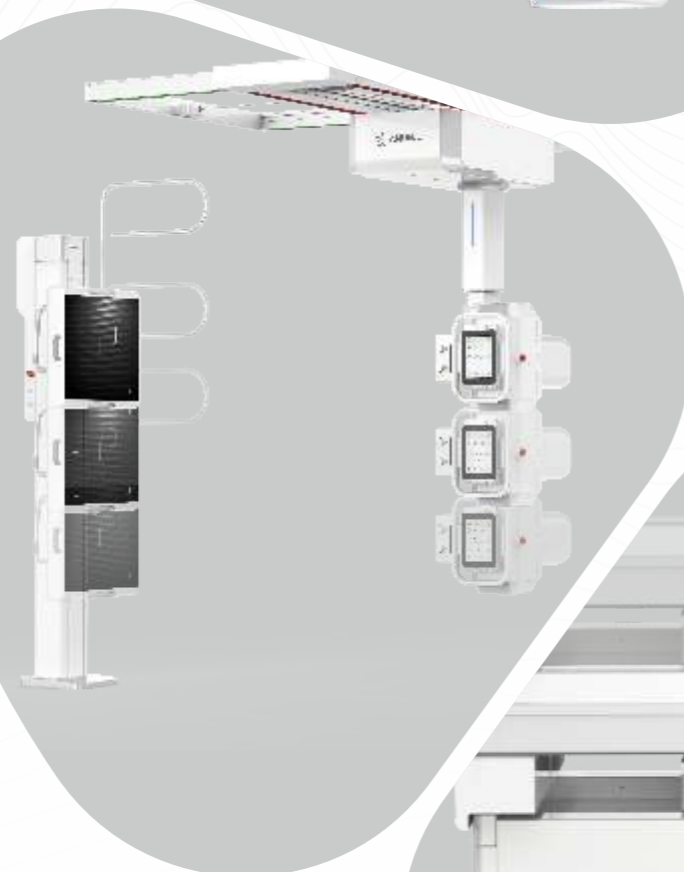
Fully automatic tracking system

The detector and the tube can realize fully automatic synchronization in the chest examination and lateral examination, which greatly improves the efficiency of clinical examination.

Elevating Table

Safety-care system ensures the wide range of height adjustment for children, the elderly, and trauma patients. Equipped with an embedded sensor unlocking system, it effectively avoids accidental touch by the patient.

One-key switch between chest and lateral examination, one-key positioning

Fully automatic intelligent motion control, two-way radio frequency signal receiving design, realize one-key switching between vertical and horizontal positions, One-key positioning can achieve convenient operation and improve efficiency.

Multifunctional vertical radiography rack

The detector can work manually or electrically, easily tracking the tube moving up and down. The handgrip can support patient' positioning in chest examination.

EASY AND
EFFICIENT WORK FLOW

1 Built-in voice intercom system

The built-in professional intercom system. The system is designed with high-fidelity sound effects The technician can provide remote guidance for patient' positioning and the patient can clearly receive the voice guidance in the X-ray room

2 9.7-inch smart touch screen

9.7-inch LCD touch screen, can offer control of device movement, real-time exposure parameters, display of patient information and positioning indicator.

3 Ultra-low position exposure

The detector and tube can be lower down to close to the ground to do the examination of the lower limbs, reducing patient movement, and at the same time, it is convenient for children to do the chest and limbs examinations.

4 Flexible applications by dual detectors

The dynamic detector & static detector can offer all convenience of workflow, more accurate diagnosis with lower dose, and excellent images with fast acquiring speed.

5 Wireless remote control

Remote control console of movement optimizes workflow efficiently with easy operation, it can be used for auto tracking, auto positioning, collimation, image field adjustment and intercom communication.

EXCELLENT IMAGE CHAIN

- Advanced dynamic technology could offer 9.4 million level pixels and can achieve convenient charging.

- High frequency generator and high capability tube could continuously serve the large number of examinations. At the same time, it could highly improve the quality of diagnosis with blurring free image during both dynamic and static examinations.

- Image workstation: The dynamic image can be partially enlarged and saved, and any segment can be intercepted during playback and used by PACS transmission.

High Power UHF
High voltage generator

9.4M Pixels
Dynamic detector

High Heat Capacity Tube

Research and Develop Independently
Highly efficient imaging workstation

INTELLIGENT DOSE CONTROL

Automatic Exposure Control (AEC)
Improve the image quality while effectively reducing the dose, improving the efficiency of inspection.

Auto Collimation
Intelligent collimator offers optimized workflow with best image effect.

APPLICATION

- **Automatic Long Bone Stitching**

  Auto image stitching can be completed by press and hold exposure after setting, the exposure and system movement will be done synchronously and automatically, the image will be stitched automatically by the software.

- **Professional pneumoconiosis examination (optional)**

  Built-in special pneumoconiosis image processing system, the interface is brief, clear, friendly and interactive, easy to use. Embedded pneumoconiosis image optimization algorithm and enhanced processing technology to provide high-quality images for pneumoconiosis examination.。

National Copyright Administration of PRC
Computer software copyright registration certificate

HUMANIZED DESIGN

- Safety-care system ensures the emergency stop by pressing any button during its auto-movement. The table stop moving down while it confronted 240N resistance

- Advanced software provides the friendly user interface and easy workflow in both dynamic and static examinations.

- One-key wake up, design for energy saving.

CLINICAL IMAGE