

DIXRay DX50

Digital Imaging Medical Xray Radiography System

Serve the further, serve the neighbor
DIXRay is always here

400-848-6088

* The actual product shall prevail. All pictures in this manual are for reference only. *



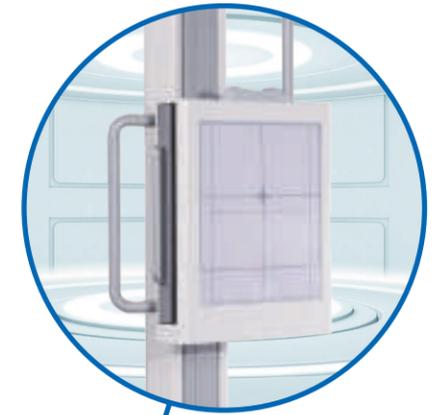
DIXRay Imaging Ltd

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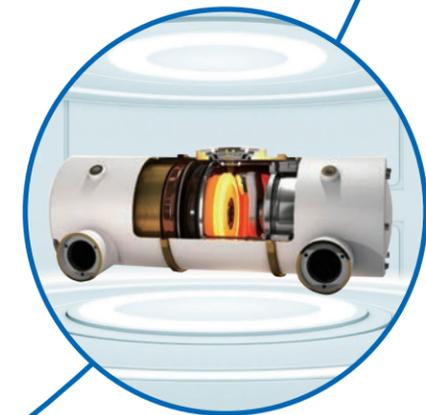
01/HD flat panel detector

- Portable and removable amorphous silicon whole panel design
- Fast imaging in 3 seconds
- 17x17 inch and 14x17 inch HD flat panel detectors are optional
- Cable transmission features safety, stability, and faster speed
- High detective quantum efficiency (DQE)



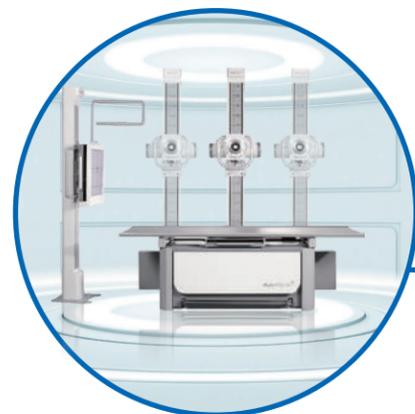
02/High quality X-ray tube

- High quality X-ray X-ray tube is provided with an anode speed up to 2,800 rpm/min
- 300 KHU high heat capacity design ensures continuous X-ray tube operation



03/High-voltage system

- The high-frequency high-voltage generator works at a frequency up to 50 kHz, leading to more stable radiation generation, smaller size and longer service life. Real-time fault monitoring effectively ensures the safety of key components such as X-ray tube and plate, and greatly reduces the failure rate of the system.



05/Bed system

- DR system is subject to integrated design of tube column and X-ray table
- The automatic alignment function makes the workflow easy and efficient for medical examinations



04/Double column system

- 360° dead-on radiography

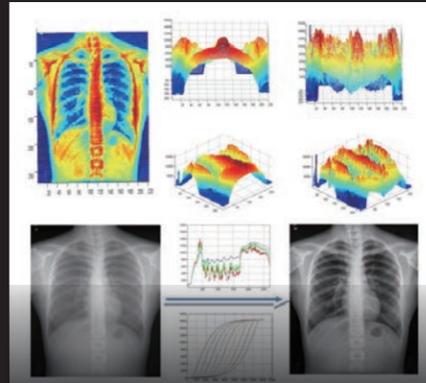
**High-quality core
Hardware Configuration**

Extensive clinical applications

The system is equipped with the newly developed image processing platform software, which not only provides users with convenient and personalized system management, but also contains rich image processing and management functions.

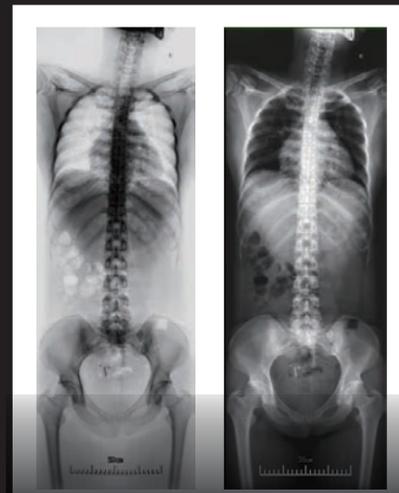
■ Tissue equalization technique

By stretching and space-filling the original image in respect of data algorithm within the display range, the tissue equalization technique greatly increases the amount of raw data and the amount of data that can be processed to improve data integrity.



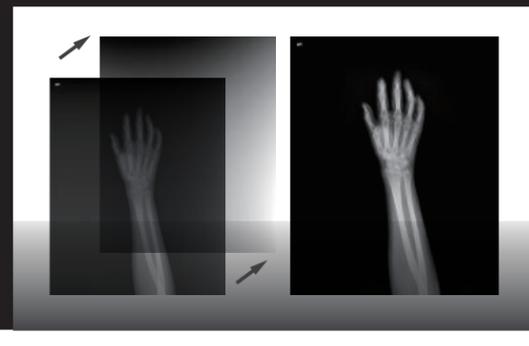
■ Automatic background recognition technology

Automatic identification of effective tissue image areas, suppression of invalid image areas, and fixed line raster processing automatically extract and remove artifacts other than the human body, thereby improving the effective contrast and resolution of tissues.



■ Long bone stitching function

Self-development with the most advanced and up-to-date algorithms and technologies generate the total spine imaging without marker stitching, so as to ensure the uniformity of gray contrast and integrity of stitched images.



Convenient and intelligent system



■ Smart standby status and green energy saving

The system can automatically recognize the working condition and enter the standby state. The whole equipment in the standby state, being green and energy-saving, is only equivalent to a laptop in respect of energy consumption.

■ One-touch startup

The equipment is started up by one touch with no need for warming up.

■ 5-in-1 workstation

The system includes five modules: patient management, image acquisition and high-voltage control, image processing, film printing, and diagnostic reporting, truly achieving the effects of multiple workstations by one-stop operation.



Display of clinical film samples

