



Caring for Women s Health



New Digital X-ray Mammography System

One-Touch Positioning • Iso-Centric Design



01

New Generation Flat Panel Detector

Equipped with an ultra-large full-field flat panel detector, it features high resolution, wide dynamic range, and excellent linear response. Within a certain dose range, it effectively optimizes and reduces radiation dose. The system simultaneously accommodates various breast sizes for imaging, allowing for complete visualization of the breast tissue and axillary lymph node areas. It enables clear identification of millimeter-level microcalcifications, significantly enhancing the sensitivity and specificity of early breast cancer diagnosis.



02

Breast Specific X-Ray Tube

Equipped with a mammography-specific molybdenum target X-ray tube, it features not only an extremely small focal spot design but also exceptionally high thermal capacity. This ensures high-quality imaging while enabling longer continuous operation of the device.

03

Breast Specific High Voltage Generator

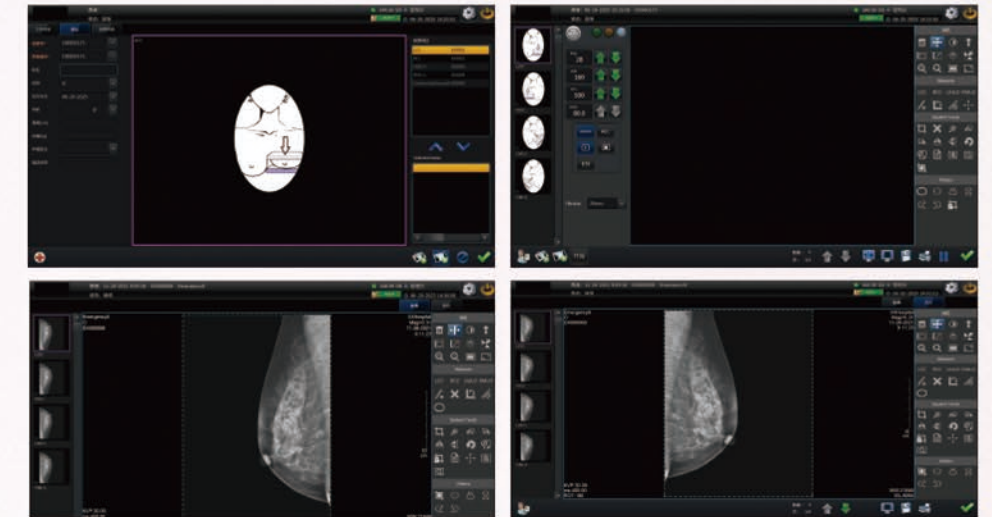
Equipped with a high-voltage generator dedicated for mammography, it utilizes dual inverter power supply technology to ensure X-ray stability. This significantly enhances image clarity and stability while reducing radiation.



04

Breast Specific Software System

Featuring self-developed, dedicated mammography software with powerful post-processing capabilities and state-of-the-art breast algorithms, it delivers high-quality digital mammographic images. The system offers comprehensive functions including case management, image acquisition, processing, viewing, reporting, image transmission, and film printing, enabling accurate and rapid clinical diagnosis.



05

Empowering Cloud PACS

Empowered by "Cloud PACS" technology, it enables seamless data transmission while reducing travel for both patients and doctors.



06

AEC Automatic Exposure Control

Full-auto AEC (Automatic Exposure Control) technology automatically adjusts parameters based on glandular thickness and density, ensuring excellent image quality while maintaining low radiation dose.



08

Intelligent And Humanized Structure



One-Touch Positioning Design
Automated one-touch intelligent setup completes patient positioning with a single button, guiding examinees to achieve quick and accurate positioning.



Iso-Centric Design
The imaging center remains consistent. Simply position the C-arm height once and achieve different patient positions using iso-centric motion.



3D Camera Gantry Design
The X-ray tube arm performs independently controllable isocentric rotation, allowing multi-angle imaging to be completed with a single patient positioning.



07

Flexible Automatic Compression System



Preset Pressure, Flexible Auto Compression Technology, Improving Patient Comfort.



Automatically raises after exposure, reducing discomfort during examination.



Manual Rapid Release Device: Ensures Safety During Breast Examinations.



09

Dual Screen Intelligent Display

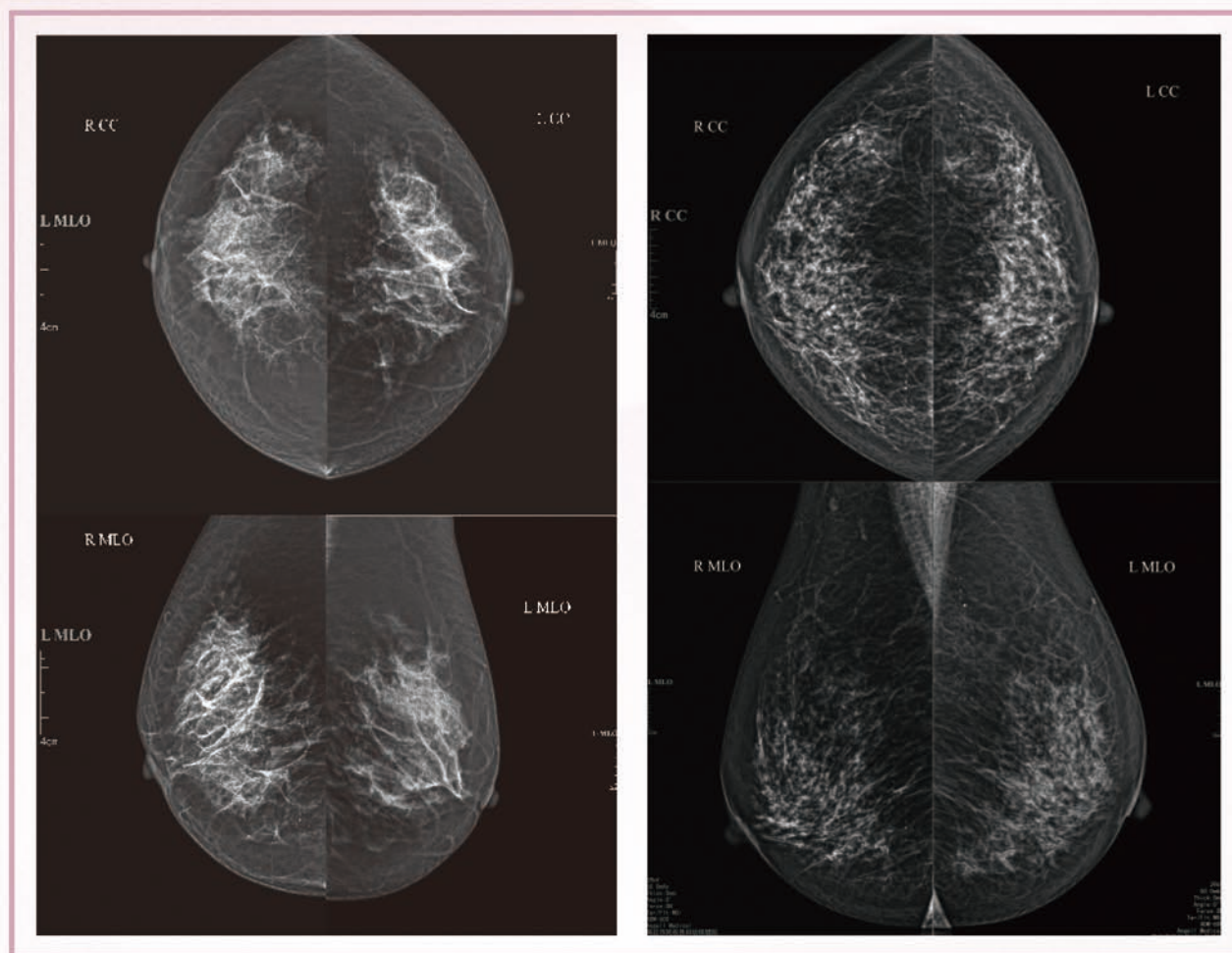
Real-time Display of Gantry Motion Parameters: The system provides live monitoring of gantry parameters (e.g., current angle, compression thickness, compression force) during adjustment. Physicians can instantly observe breast tissue compression status, preventing over- or under-compression. This minimizes patient discomfort while optimizing image quality.

Multi-position Quick Switching with Intelligence: The gantry supports preset standard scanning positions accessible via one-touch recall on the smart control panel. Combined with automatic compression functionality, this enables streamlined operation and efficient clinical workflow for physicians and technicians.



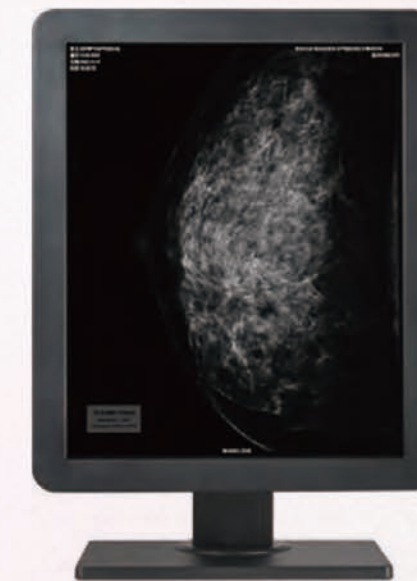
10 Excellent Clinical Imaging

- High contrast, distinct layers;
- High resolution, capable of detecting microcalcifications and occult lesions;
- Masses, glandular tissue, stroma, adipose tissue, and calcifications with well-defined edges are clearly discernible.



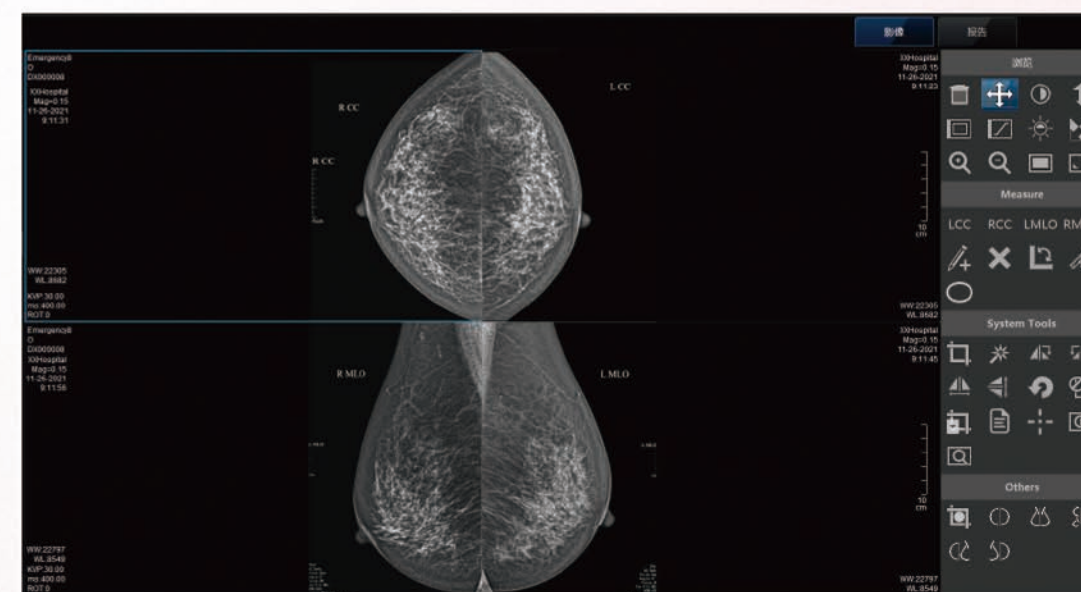
11 Specialized Breast Monitor

The 5M Medical Mammography Display achieves precise visualization of subtle details. With specialized features tailored for mammographic images and superior image quality, it enhances diagnostic efficiency through improved diagnostic convenience.



12 Specialized Breast Diagnostic Workstation

Dedicated Mammography Diagnostic Workstation, Equipped with comprehensive image processing software, it can automatically enhance different tissue types based on their characteristic curves. This enables exceptional contrast visualization of breast structures (skin, glandular tissue, fat) and lesions (calcifications, masses) within a single image."



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