See life more clearly

Luna

Full Field Digital Mammography System

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Luna-Pre

Full Field Digital Mammography System

LANDWIND MEDICAL

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Clinical studies have proven that with early detection, the mortality rate of breast cancer is reduced significantly. This is why Landwind is dedicated to providing an innovative, synergistic approach to meet the mass requirements in mammography at the cost within reach. The portfolio comprises a-se and CMOS mammography solutions, and it contains ports for future biopsy systems and 3D Tomosynthesis.

Advanced Flat Panel Technology making it easier to detect small and low contrast objects

- 24X30CM large field of view, accommodates nearly all breast sizes
- It translates into the image with high spatial resolution, high contrast and low dose

High quality hardware creates the premium image chain

- Automatic Mo/Rh filter combination suits all kind of breasts tissues of different density
- Smart AEC technology help to create cutting-edge image, low dose, better contrast

Deliberate design of tube-head ensures consistent image quality while minimizing the workload

- -180 to 180 degree seamless rotation of the tube-head, while the center of flat panel remain the same position, letting you transfer to the next exam just by pushing a button
- Unique design of C-arm tube-head rotation eliminates trembling and minimizing errors

Simple One-button Operation Workflow

- **Single-Touch Positioning**
  Move the tube head from cranio-caudal to mediolateral-oblique in an instant. With only a single touch

- **Single-Touch Exposure**
  For checking the implementation of process management, the system can be preset by the user according to the new procedure, to complete all the process automatically, also check steps to make your workflow smoothly

- **Single-Touch Switch on/off**
  Innovative design of electricity system making sure single touch to switch on/off the whole system including the generator

- **Single-Touch Recovery**
  One-button recovery system functions, complete user management, to avoid loss of data, to ensure data security

Ergonomic design makes the mammography procedure more comfortable and safe

- Small tube head design, positioning the patient more comfortable, you can take a wider range of breast tissue
- Compression paddle design with rounded corners, flexible towing breasts, increases patient comfort, and thus gets more breast tissue
- Intelligent flexible compression, the compression paddle can be adjusted automatically according to the size of the pressure, and ensure uniform oppression according to the outline of the breast
- Automatic compression and quick release, it can choose the best pressure according to different thickness and density of the breast.
  The operator can stop compression in the optimum stage to ensure the best image quality and improve patient comfortable.
  The pressure control will be released immediately & automatically after exposure, in order to reduce the compression time and patient's pain

Dual Screen giving complete information

- LCD screen above the compression device show the information of pressure, and operator can adjust the compressor tying best to make the patient comfortable
- 5.7 inch LCD at base of the machine, convenient for operators to read and avoid faulty operation
- DAP dose display, shooting a glance dose, the patient more at ease
- Three modes of exposure: Full Auto, Semi-auto, and Manual, suitable for different behaviors of operators

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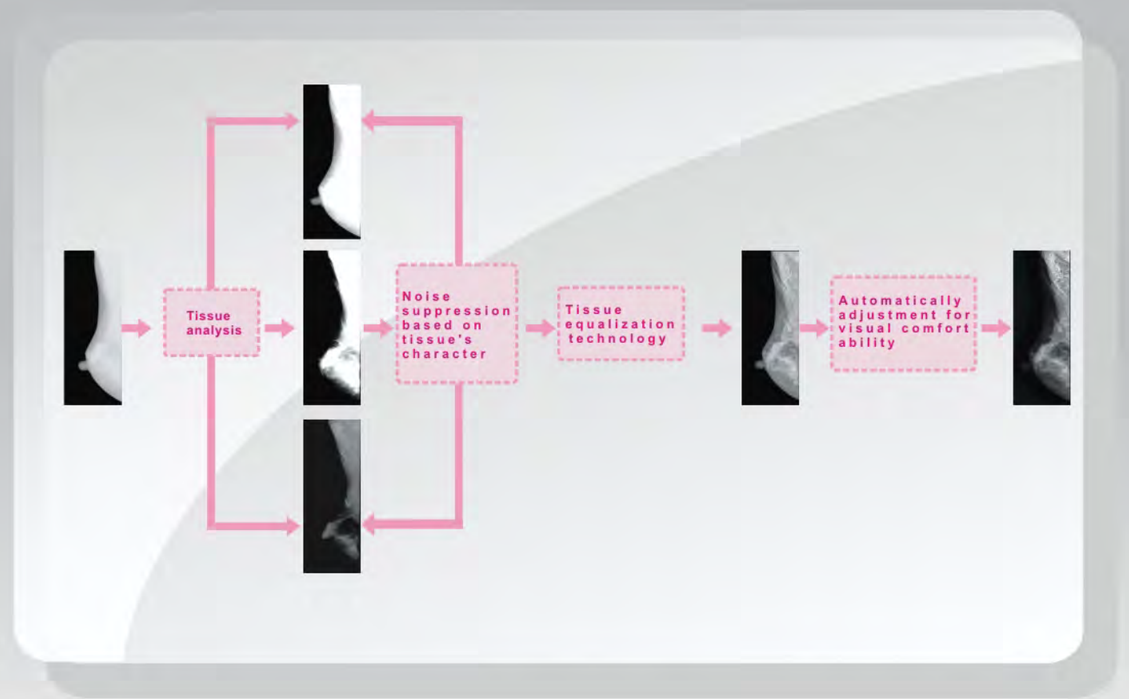
Friendly Workstation

- User-friendly workstation compatible for DICOM 3.0, which seamless connects RIS/HIS/PACS system, and operator can process patient information, image edition, APR options, printing, transmitting all together in one integrated work-flow

High level digital mammography image processing

- High Quality Fluent Imaging (HQFI), unique HQFI accommodates all the needs of clinic digitalization, including the gray color balance, optimization, enhancement, and creates the high quality images to users
- DPE functions introduce the analysis of tissue density and noise to obtain the clear image of subtle objects
- Diagnostic Visual Optimization ensuring diagnostic quality images while increasing the visual comfort of the image, reducing fatigue



Available for future upgrading with biopsy and 3D Breast Tomosynthesis

- Due to high demand of market, the first version of Luna-Pre reserves the interface for future upgrading with biopsy and 3D Breast Tomosynthesis, customer may choose to upgrade instead of buying new machine

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