



GOOD
DESIGN
KOREA



Digital Breast Tomosynthesis Mammography

HESTIA



HESTIA

Experience Outstanding Breast Care that combines Comfort, Speed, and Superior Image Clarity



Premium FPD High-resolution mode in Tomosynthesis

- Enhanced cancer detection rates
- Streamlined diagnosis through intuitive scrolling of focused image slices
- Superior performance in dense breast tissue, improving diagnostic confidence
- Improved characterization of benign or normal tissue, reducing unnecessary follow-ups



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HESTIA 3D

 <p>8.0kW HFG</p>	 <p>Iso-centric Gantry</p>	 <p>Tomosynthesis(3D) Mammography System</p>
 <p>Low Dose & High-Quality Image</p>	 <p>Wide SID (660mm)</p>	 <p>Tungsten(W) Target</p>

Tomosynthesis
Mammography System
· 24×30cm (TFT)

Iso-centric Gantry
· 180°
(+90°, -90°)



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HESTIA 2D

 <p>8.0kW HFG</p>	 <p>Tungsten(W) Target</p>	 <p>Emergency Compression Release Button</p>
 <p>Low Dose & High-Quality Images</p>	 <p>Wide SID (660mm)</p>	 <p>Automatic Sequential Positioning System</p>

Digital Mammography System

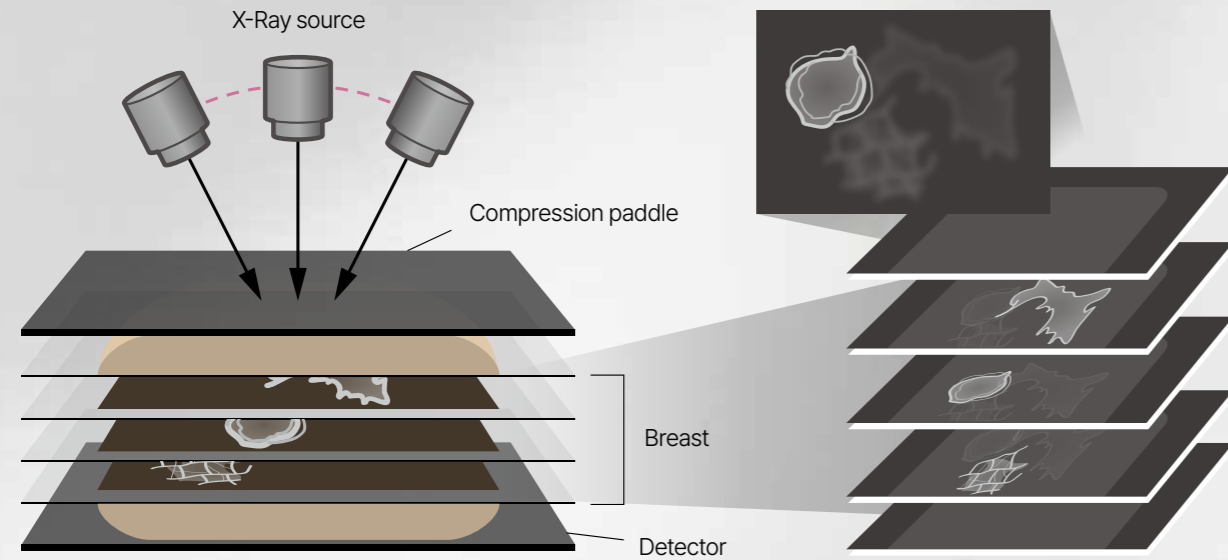
- 17×24cm (CMOS)
- 24×30cm (TFT)

Iso-centric Gantry

- 180°
(+90°, -90°)

DBT (Digital Breast Tomosynthesis)

Digital Breast Tomosynthesis (DBT) captures multiple low-dose X-ray images as the X-ray tube moves across an angular range above the breast. These images are then reconstructed into a quasi-three-dimensional (3D) representation of the breast tissue, enhancing visualization and diagnostic accuracy.



Upgradable Tomosynthesis(U) *Option

- Genoray's proprietary Digital Breast Tomosynthesis (DBT) technology enables more accurate and efficient three-dimensional breast imaging for improved diagnostic confidence.
- The DBT function can be seamlessly activated without the need for additional hardware or installation.

* Available only with the 24x30 model



Comprehensive & Patient-Centered Care

Audio & Visual Guidance

Integrated audio prompts and visual indicators keep patients informed of the real-time operating status throughout the procedure.

Soft Compression System

HESTIA's ergonomically designed gantry delivers gentle, controlled compression to reduce patient discomfort and enhance the overall examination experience.

Compression Release Button

The built-in emergency compression release button ensures immediate decompression, providing an added layer of safety.

LED Status Indicator

A side-mounted LED light displays the current system status at a glance, supporting efficient workflow and clear communication for clinical staff.



User-friendly Operation



Operation Panel

The emergency switch is activated on the control panel to ensure the patient's safety.



4-Button Foot Switch

Designed to enhance visibility of the foot switch for compression and Up/Down gantry control.

VENUS

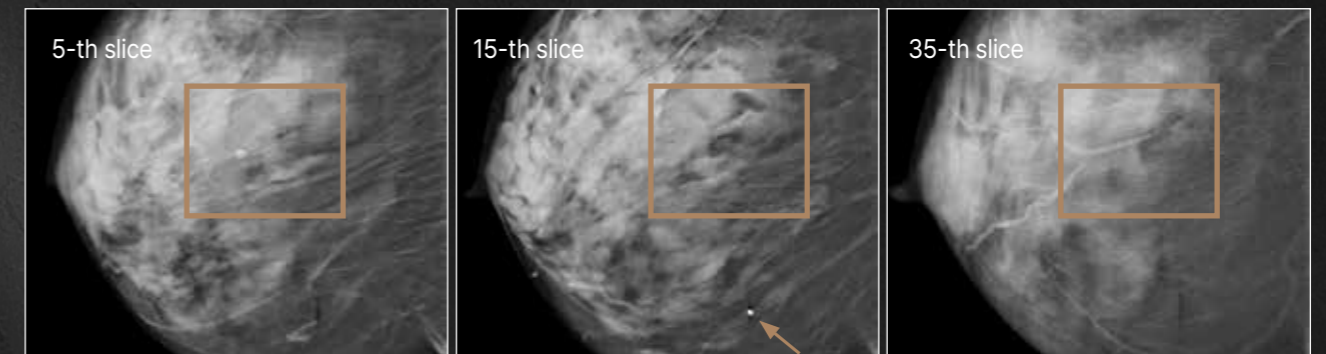


Extremely fast image saving and transfer for quick access and optimized workflow

- Customized, dedicated acquisition workstation
- Seamless PACS accessibility with full DICOM compatibility
- Simple ICON interface and automatic calibration mode.

Tomosynthesis

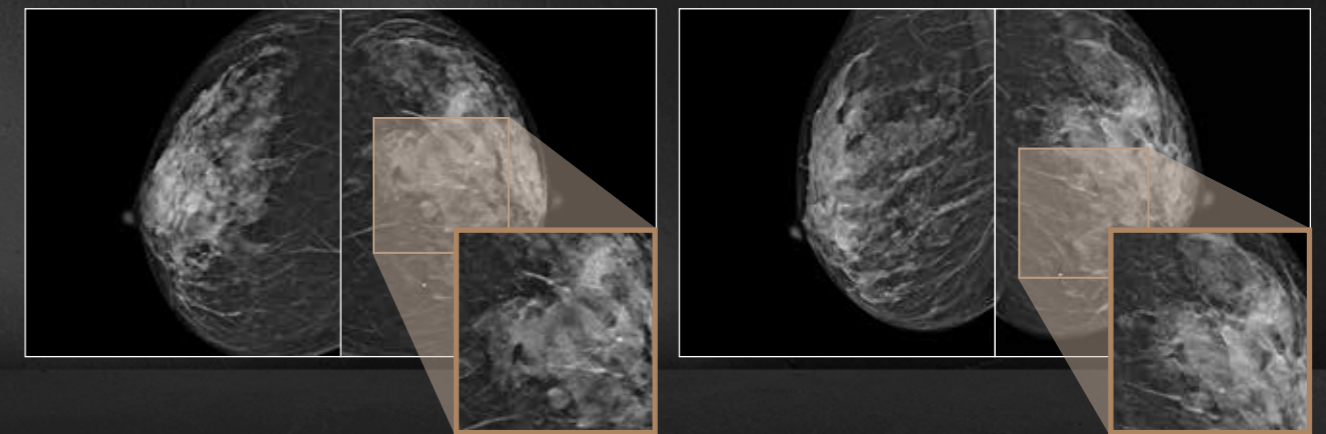
High-quality images are captured from multiple angles to enhance diagnostic accuracy and efficiency



<Tomosynthesis Mammography Image>

Tomosynthesis Clinical Images

Delivers high-quality images using Genoray's DBT technology

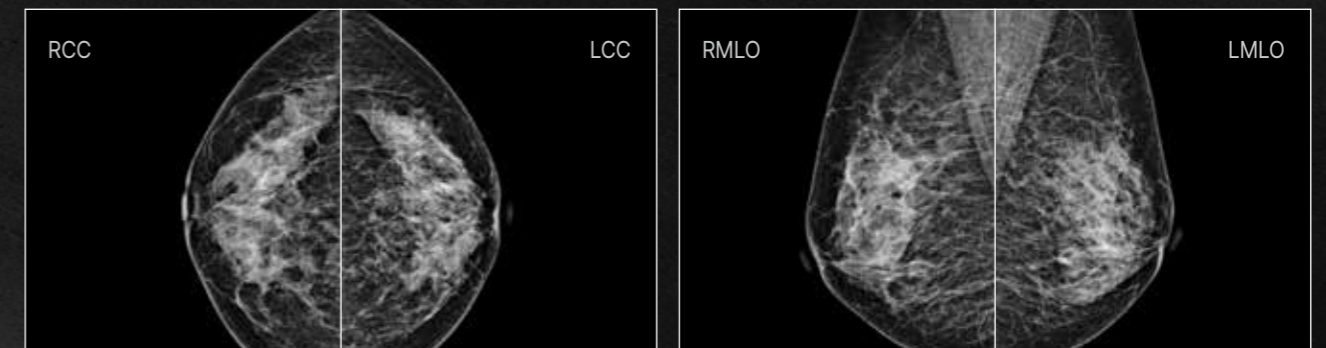


Magnified View

Magnified View

2D Clinical Images

Diverse-angle image acquisition enhances both image clarity and diagnostic reliability





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