

Digital Breast Tomosynthesis Mammography System

HESTIA



GOOD
DESIGN
KOREA



Great comfort,
Relaxed patients



 **GENORAY**

Provides exceptional breast care
with comfort,
high-efficiency & clarity

HESTIA



Premium FPD High-resolution mode in Tomosynthesis

- Improvements in cancer detection rate
- Simple cancer detection by scrolling through the focused slices
- Superior performance for dense breast tissue
- Better characterization of "benign" or "normal tissue"



HESTIA Console

Provides exceptional
breast care with comfort,
high-efficiency & clarity

HESTIA 3D

Tomosynthesis
Mammography System

· 24x30cm (TFT)

Iso-centric
Gantry

· 180°
(+90°, -90°)



CARE FOR LIFE AND PEOPLE
Genoray makes the invisible visible



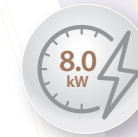
Tomosynthesis(3D)
Mammography System



Iso-centric
Gantry



Tomosynthesis FPD
24x30cm (TFT)



8.0kW HFG



Well-designed
Integrated HFG



Tungsten(W)
Target



Low Dose &
High-Quality Image



Wide SID
(660mm)



Emergency
Compression
Release Button



Automatic Sequential
Positioning System



Convenient
Operating
Controller



4-Button
Foot Switch

Wide LCD Monitor



Operation Panel



Provides exceptional
breast care with comfort,
high-efficiency & clarity

HESTIA 2D

Digital Mammography System

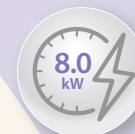
- 17x24cm (CMOS)
- 24x30cm (TFT)

Iso-centric Gantry

- 180°
(+90°, -90°)



CARE FOR LIFE AND PEOPLE
Genoray makes the invisible visible



8.0kW HFG



17x24cm FPD (CMOS)
24x30cm FPD (TFT)



Well-designed
Integrated HFG



Tungsten(W) Target



Low Dose &
High-Quality
Images



Wide SID
(660mm)



Emergency
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Release Button



Automatic
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Convenient
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4-Button
Foot Switch

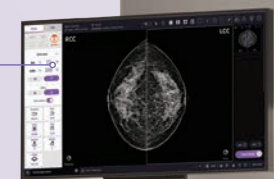


Audio and
Visual Guide

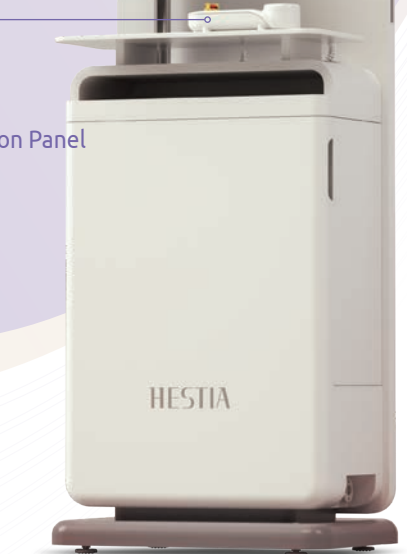


Status of equipment
shown by LED Lights

Wide LCD Monitor

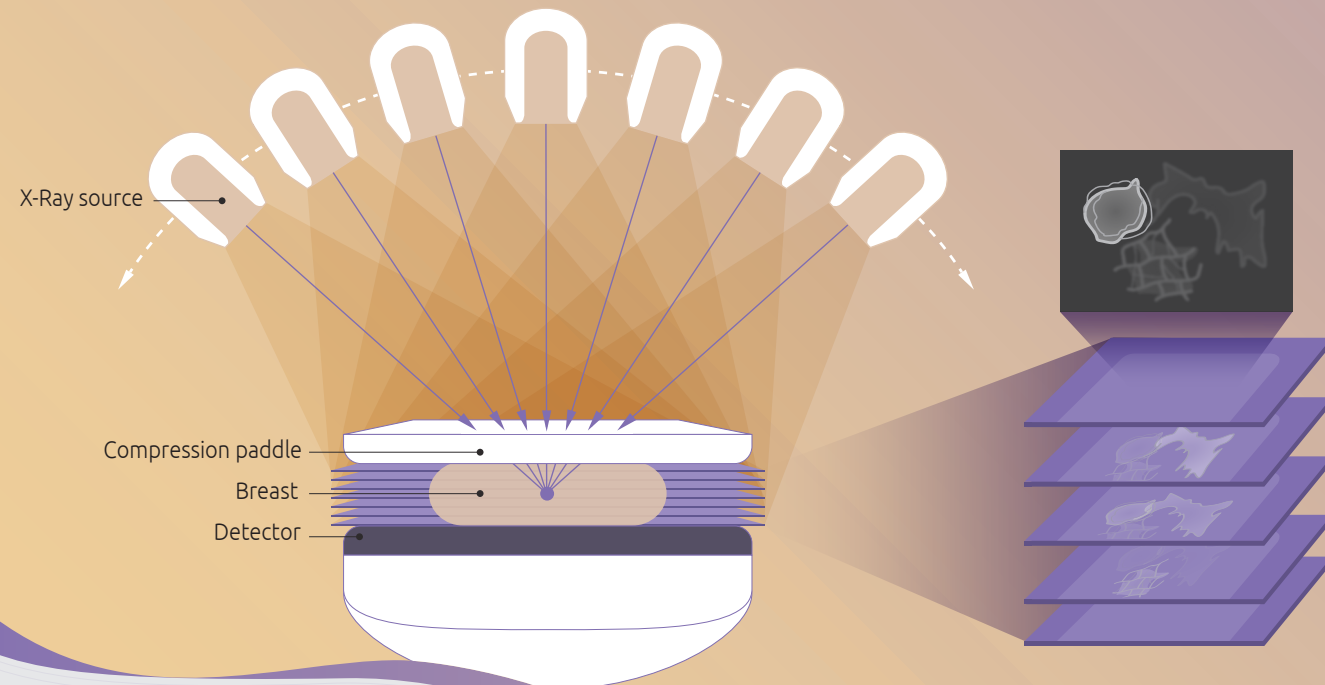


Operation Panel



DBT (Digital Breast Tomosynthesis)

Digital Breast Tomosynthesis images with multiple low-dose X-ray exposures are obtained as the X-ray tube moves over angular range above the breast. These images are reconstructed into a quasi-three-dimensional breast volume.



Upgradable Tomosynthesis

(*Only for large(L) model)

- Genoray's self-developed DBT technology offers more accurate and efficient three-dimensional diagnosis.
- DBT function can be installed without additional Installation or replacement of system.



Upgradable
Tomosynthesis
Without changing
the equipment



All-round & Patient-center Care

Audio / Visual Guide

Audio guide and visual indicator continuously inform patient of the real-time status of HESTIA.

Soft Compression System

HESTIA'S ergonomically designed gantry provides soft compression to minimize patient's burden.

Compression Release Button

Compression release button guarantees safety of HESTIA in any emergency situation.

LED Status Indicator

LED light glowing on the side body shows the real-time status of HESTIA.



User-friendly Operation



Operation
Panel

Emergency switch is applied to the control panel to secure the safety of the patient



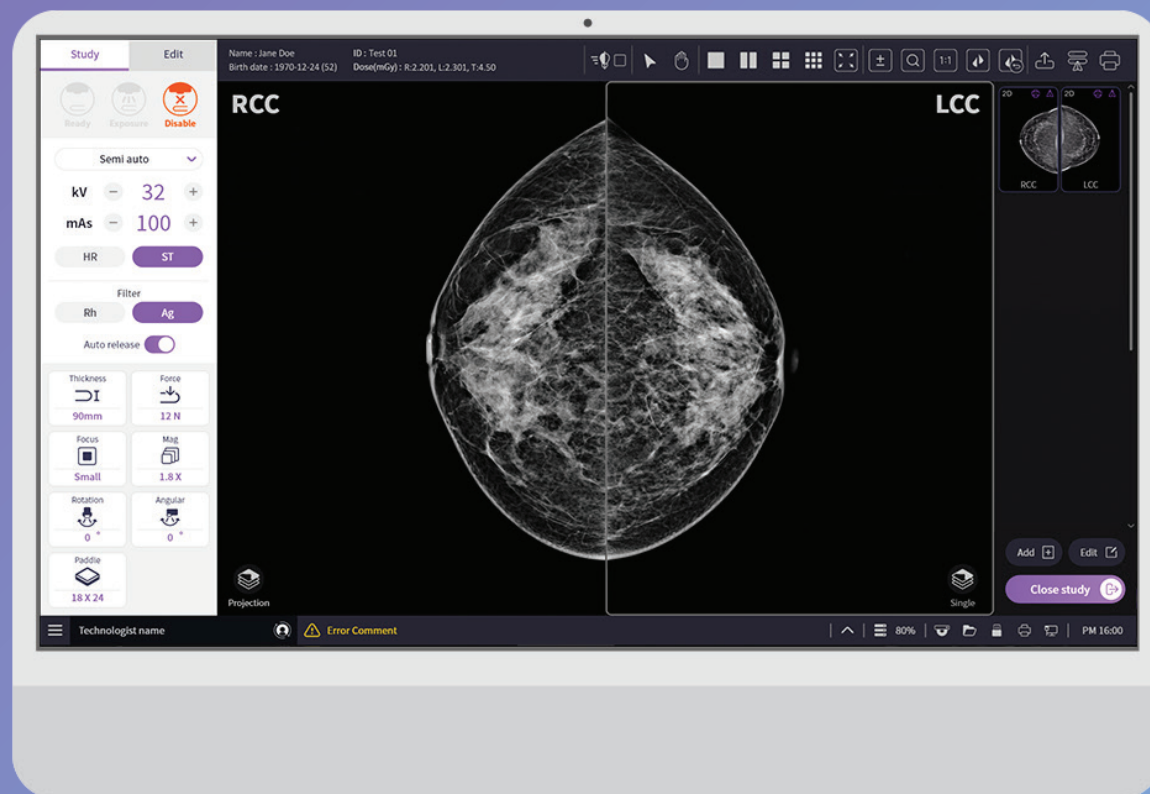
4-Button
Foot Switch

Designed to improve intuition and visibility of foot switch for breast compression and gantry Up / Down

New Mammography Console Software

VENUS

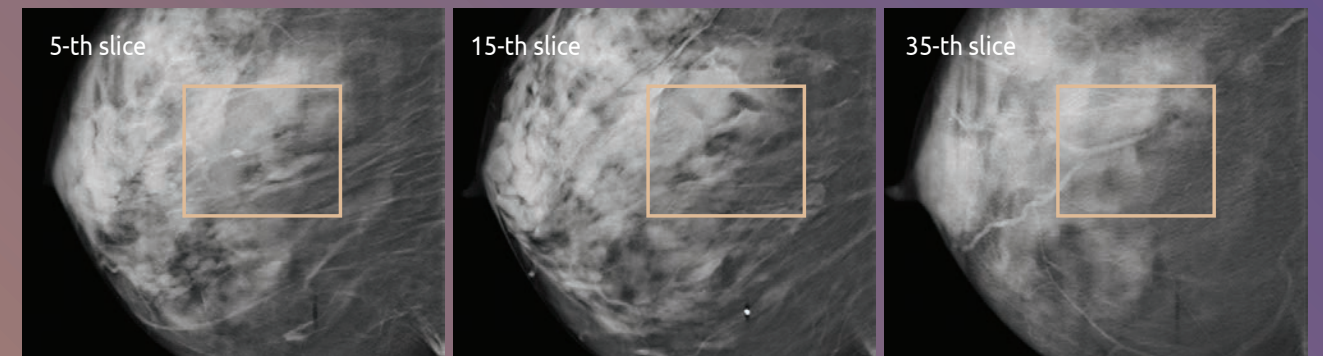
Extremely fast saving and transferring images
for quick access and optimized workflow



- Customized and dedicated acquisition workstation
- Perfect PACS accessibility with full DICOM capability
- Simple ICON and Auto calibration mode

Tomosynthesis

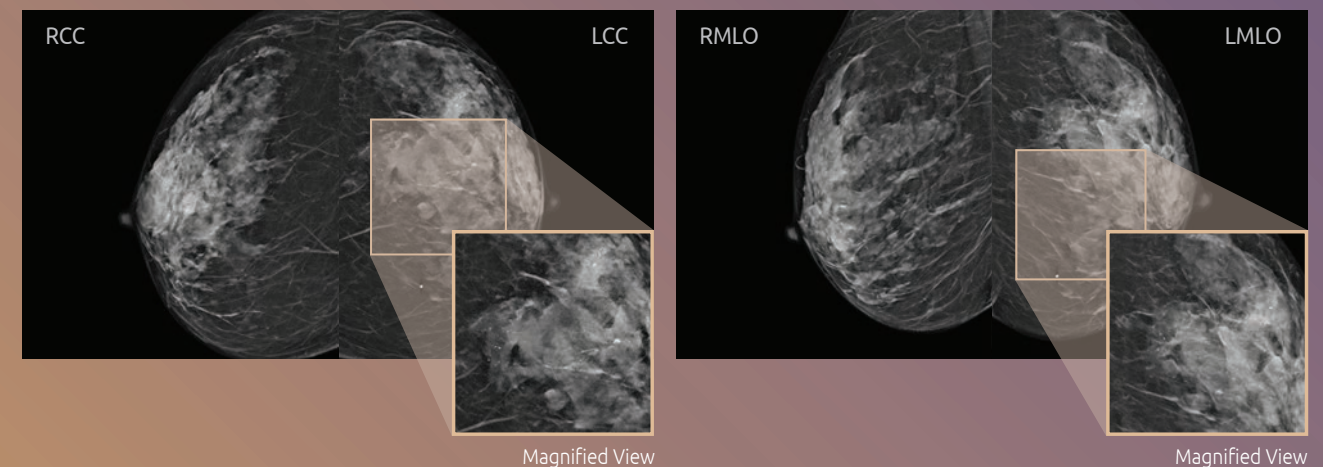
High-Quality images are obtained from diverse angles for improved and efficient diagnose quality.



<Tomosynthesis Mammography Image>

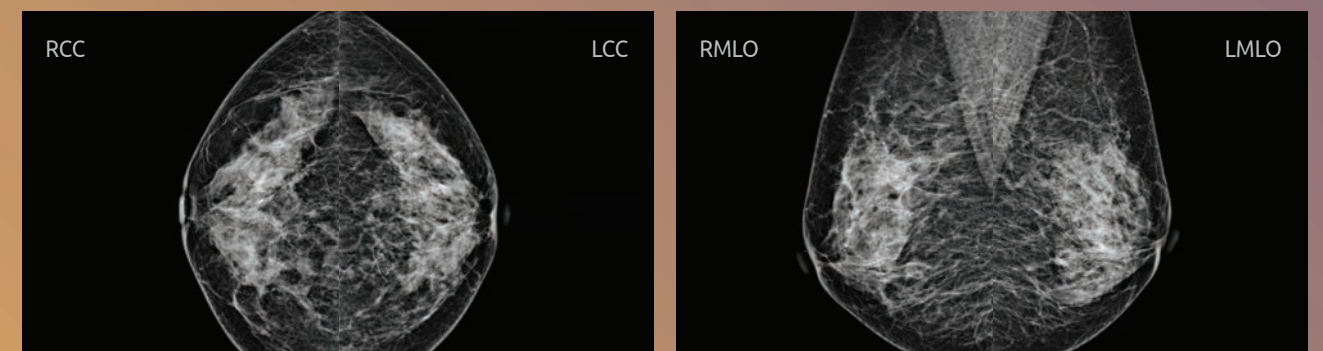
Tomosynthesis clinical images

Obtains High-Quality images with Genoray's DBT technology



2D clinical images

Providing excellent diagnostic images through accumulated experience





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* This X-ray unit may be dangerous to patient and operator unless safe exposure factors and operating instructions are observed.

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Comparable exterior design to advanced global brand
with high quality of made in Korea brand

