



uMammo 890i

**Low Dose 3D
Mammography System**
Pushing the Boundaries of Breast Imaging

ABOUT UIH

Shanghai United Imaging Healthcare Co., Ltd. develops and produces a full portfolio of advanced medical imaging and radiotherapy equipment and offers medical IT and intelligent solutions. Founded in 2011 and headquartered in Shanghai, the company has subsidiaries and R&D centers across China, US, and other parts of the world. Half of its 3,300 employees work on research and development. To date, more than 3,000 hospitals worldwide are using UIH products.

To learn more, visit <https://www.united-imaging.com>



uMammo 890i

uMammo 890i mammography system, equipped with CMOS 3D imaging platform and intelligent U-View 2D mammography technology, allows excellent visualization of fine details with low dose. uMammo 890i offers meticulous care in women's health.

| *CMOS 3D Imaging Platform*

| *U-View 2D Mammography*

| *Breast Imaging Workstation*✳

CMOS 3D Imaging Platform

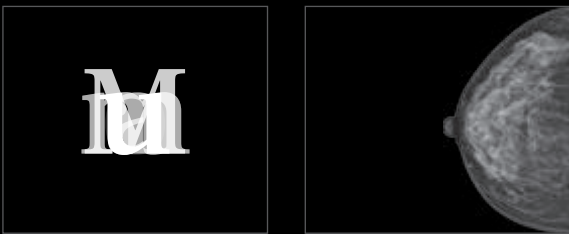


CMOS 3D Imaging

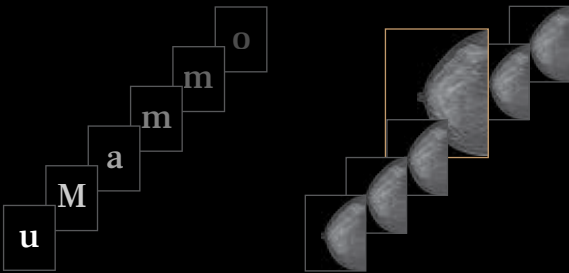
Reduce the confounding effects of superimposed parenchyma, improve cancer detection and reduce recall rates.

Display structures at different depth and help localizing lesion in the breast.

Improve the visibility of lesions and its involved margin significantly.



FFDM



CMOS 3D



Dual Angle Tomography

Narrow angle 15° - enabling quick screening mode.

Wide angle 40° - enabling detailed diagnosis mode.

Flexible DBT modes match multiple clinical applications and requirements.

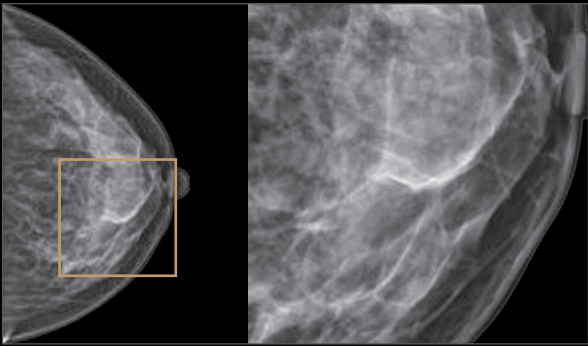
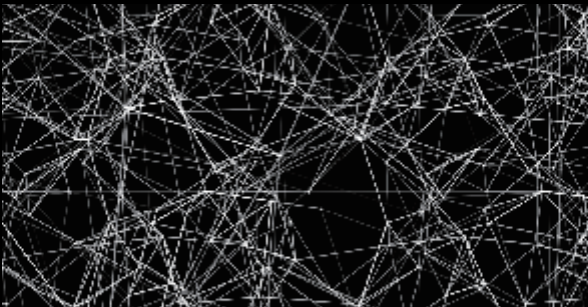


CMOS Detector

Significantly enhancing the ability of identifying micro lesions.

High SNR and high DQE - reducing radiation dose without compromising image quality.

High electronic transmission efficiency - absence of image lag and other artifacts.



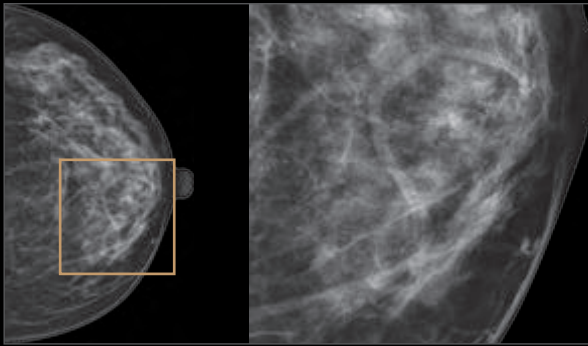
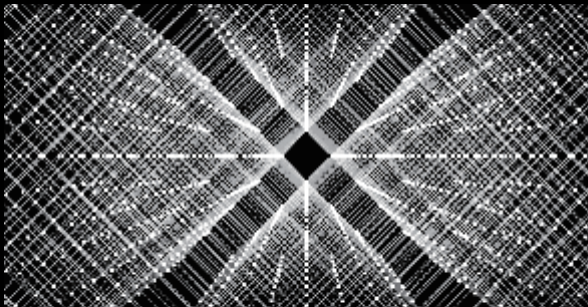
Regular Detector

49.5 μ m

Pixel Size

27 Million

Pixel Matrix



CMOS Detector

U-View 2D Mammography



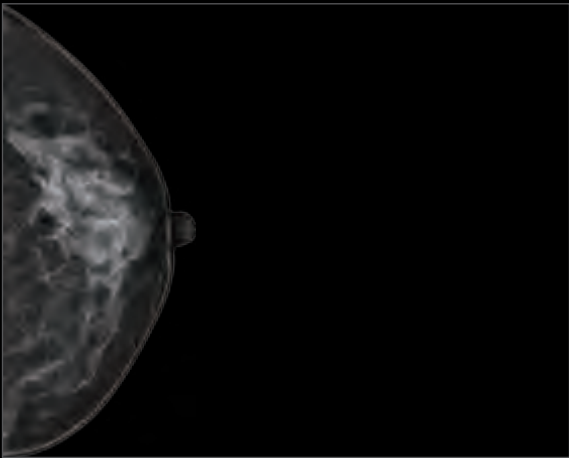
U-View Synthetic 2D Technology

U-View drives the low-dose breast tomosynthesis with intelligent reconstruction algorithm.

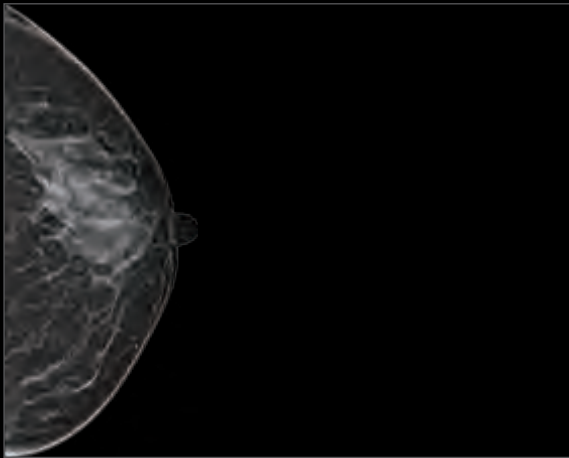
Similar performance to FFDM 2D + Tomosynthesis.

Elimination of the FFDM acquisition and radiation dose.

Reduction of the compression time and improvement of patient comfort.



FFDM



U-View



Intelligent Low Dose Control Program

The AEC (Automatic Exposure Control) exposure mode can select exposure parameters based on radiological properties of the breast automatically.

The tungsten/silver and tungsten/rhodium anode and filter combinations reduce radiation dose while maintaining the excellent image quality.

Breast Diagnostic Workstation*



2D & 3D Breast Image Processing

Multiple hanging protocol & Comprehensive tools make digital mammography review more flexible and simplified.



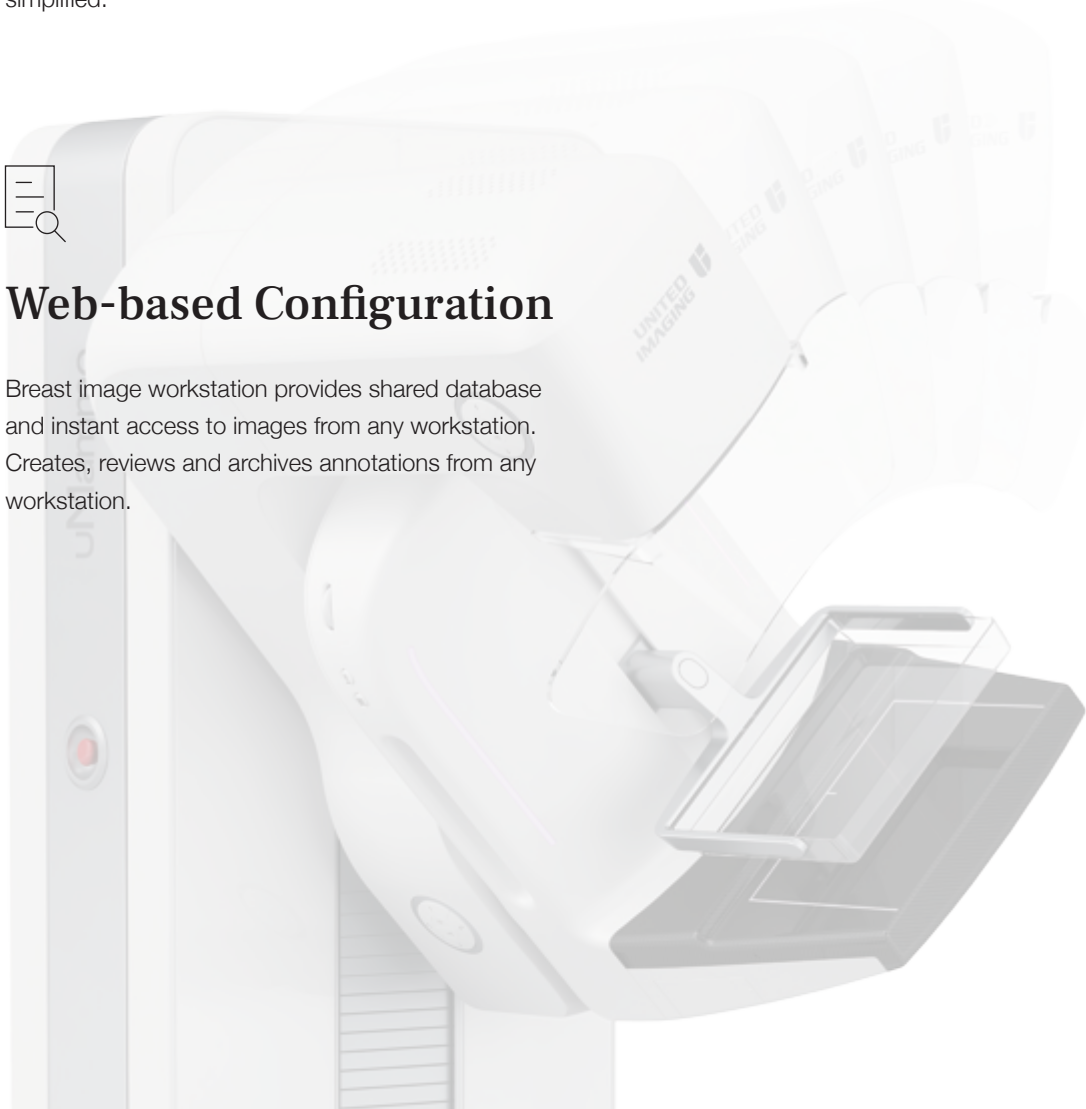
Smart and User-friendly Keypad

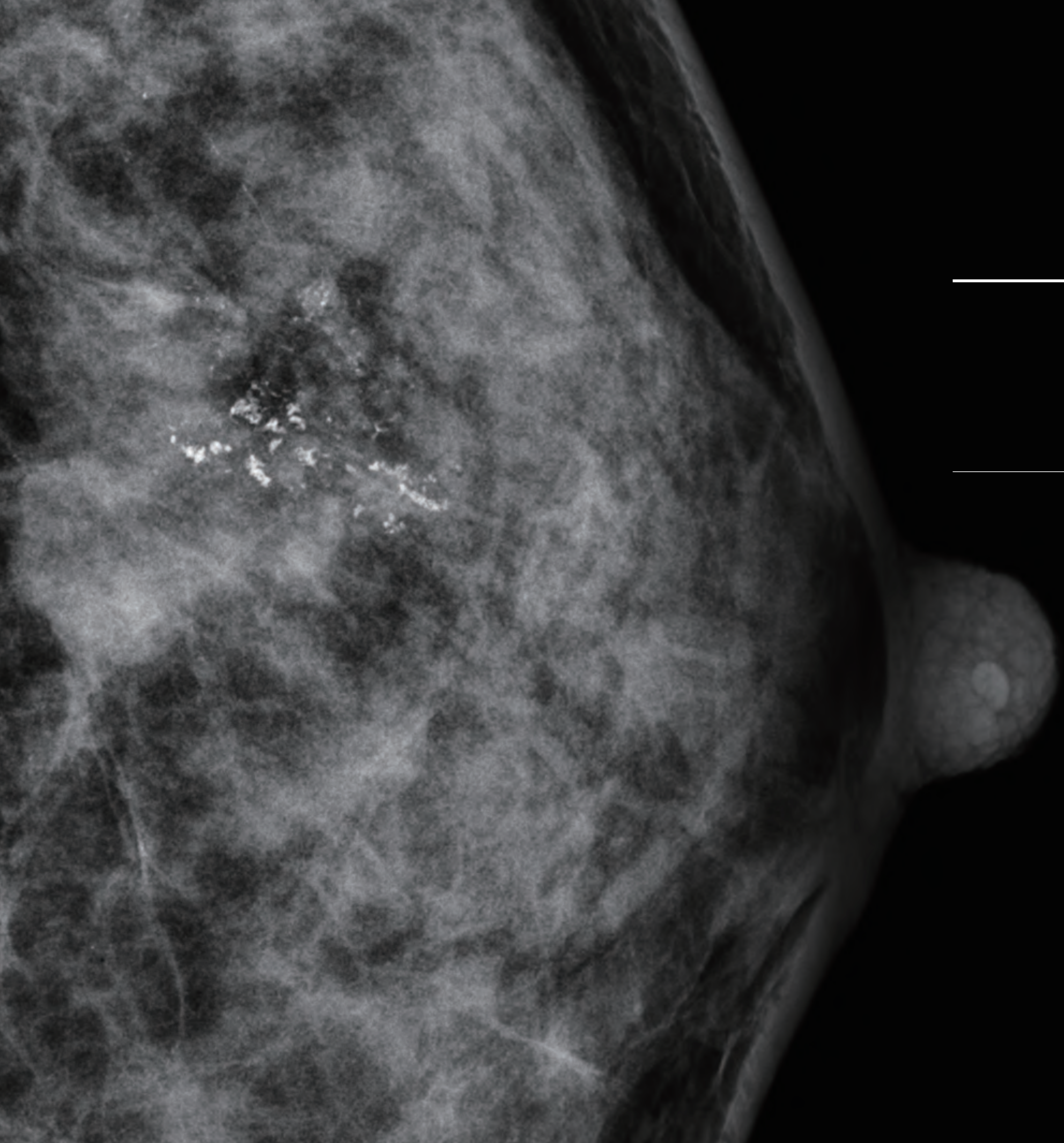
Uniquely designed keypad enables high efficiency in reviewing and manipulating the images.



Web-based Configuration

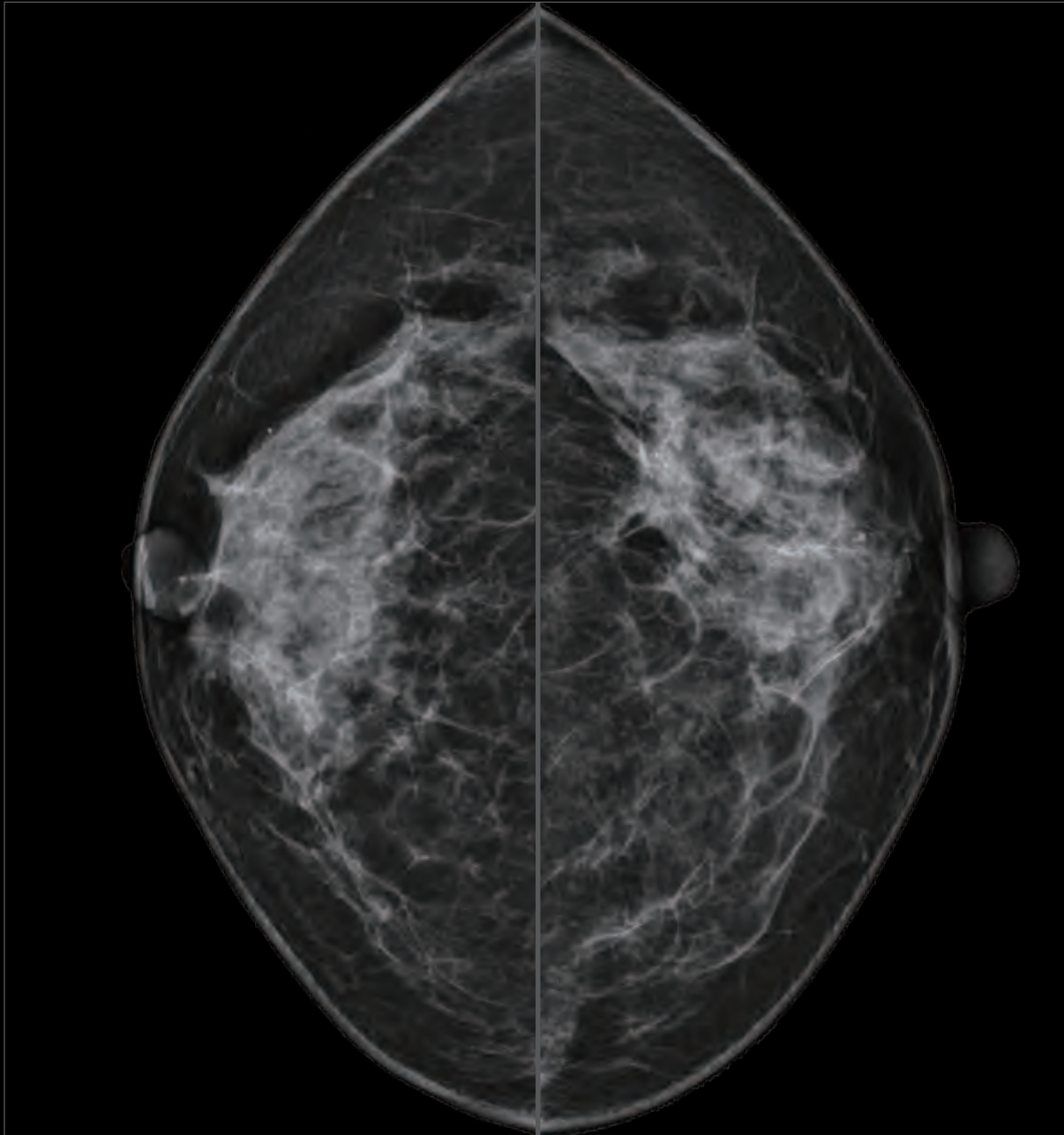
Breast image workstation provides shared database and instant access to images from any workstation. Creates, reviews and archives annotations from any workstation.



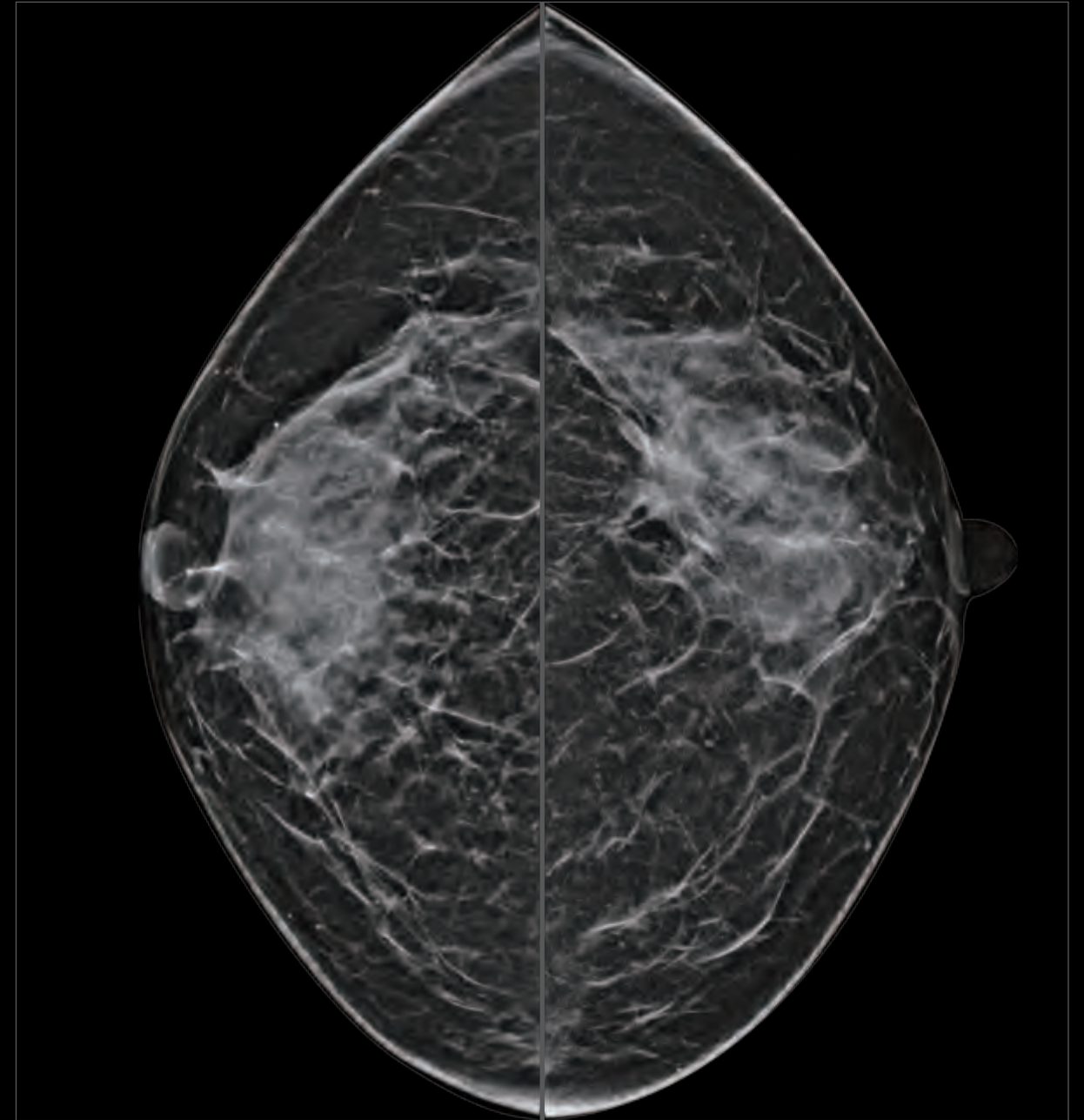


High Quality
Clinical Images

FFDM 2D Images



U-View 2D Images



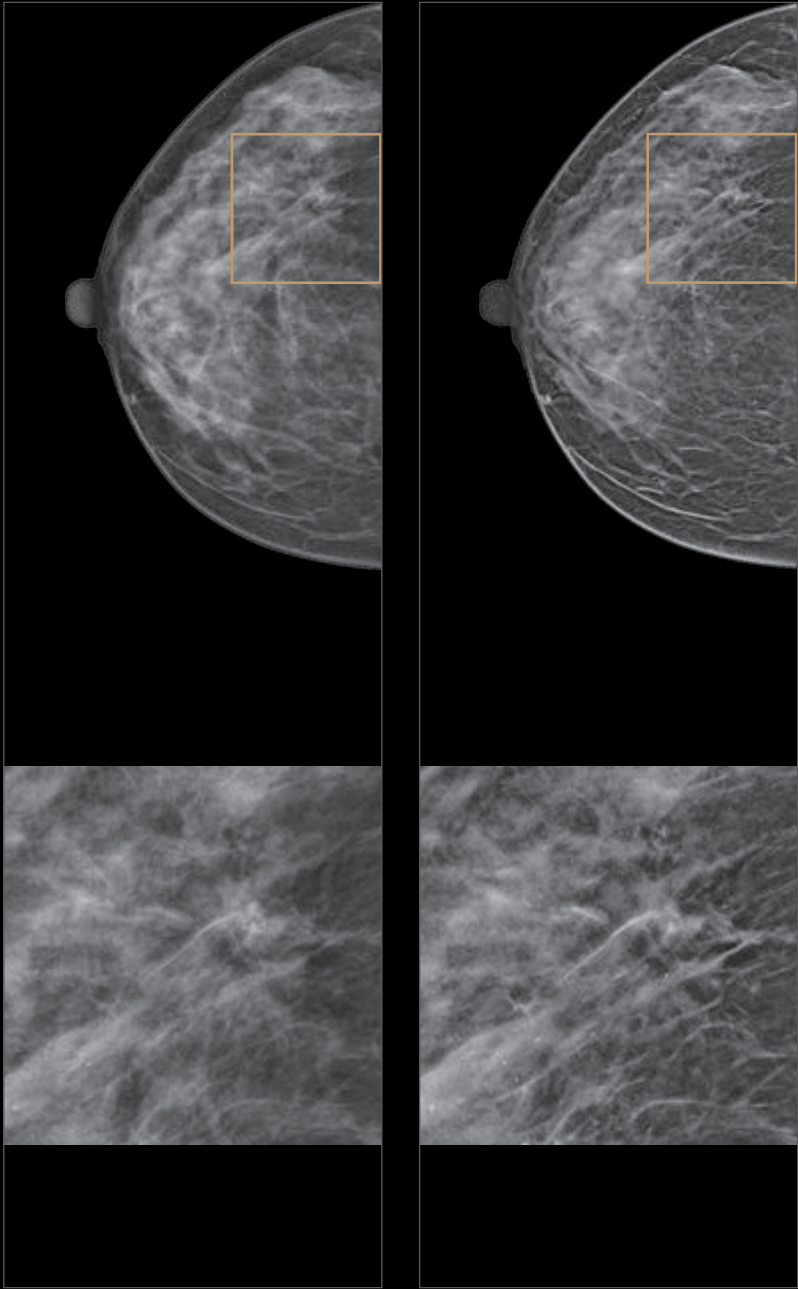
FFDM 2D Images



U-View 2D Images

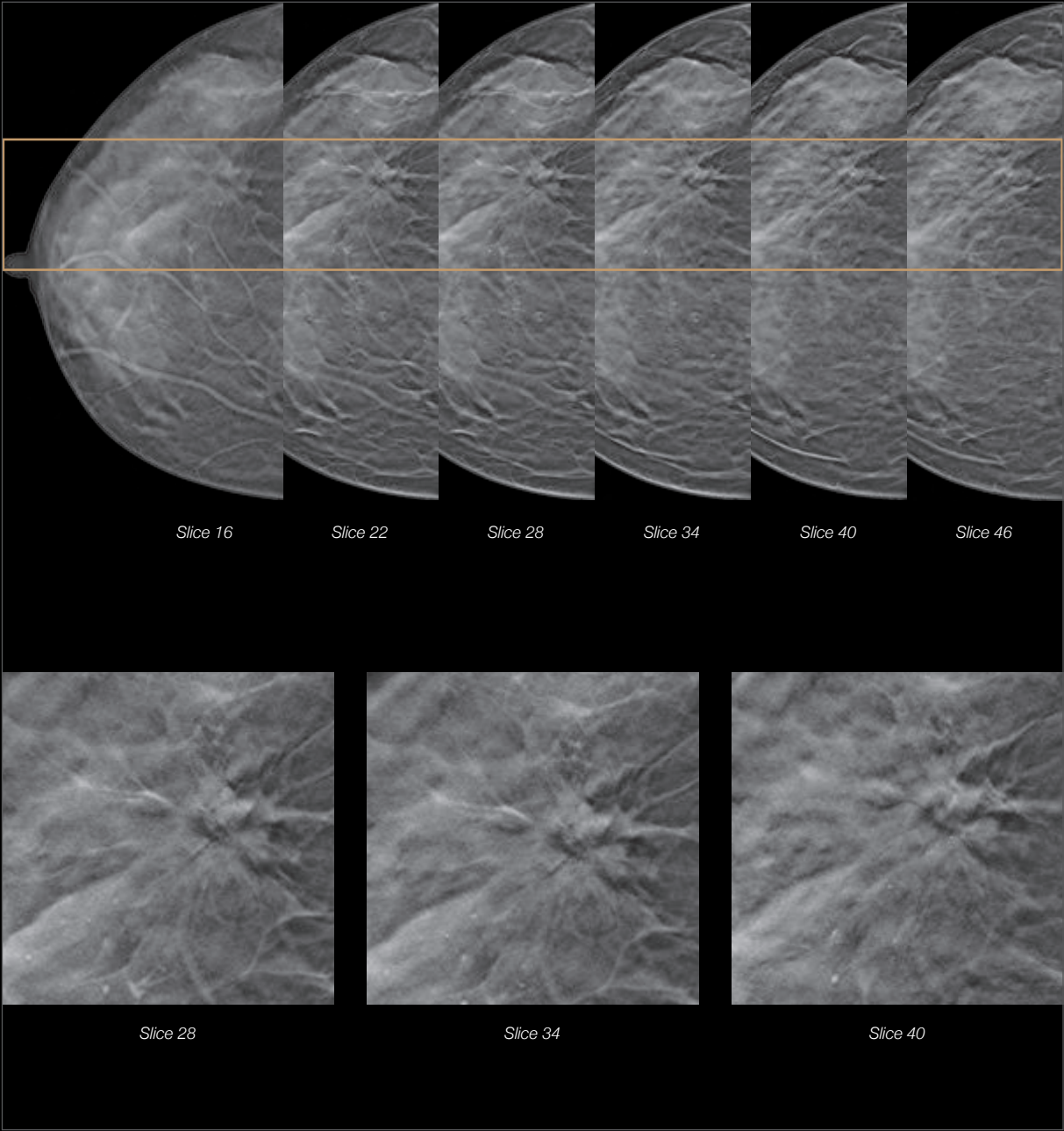


DBT 3D Images



FFDM

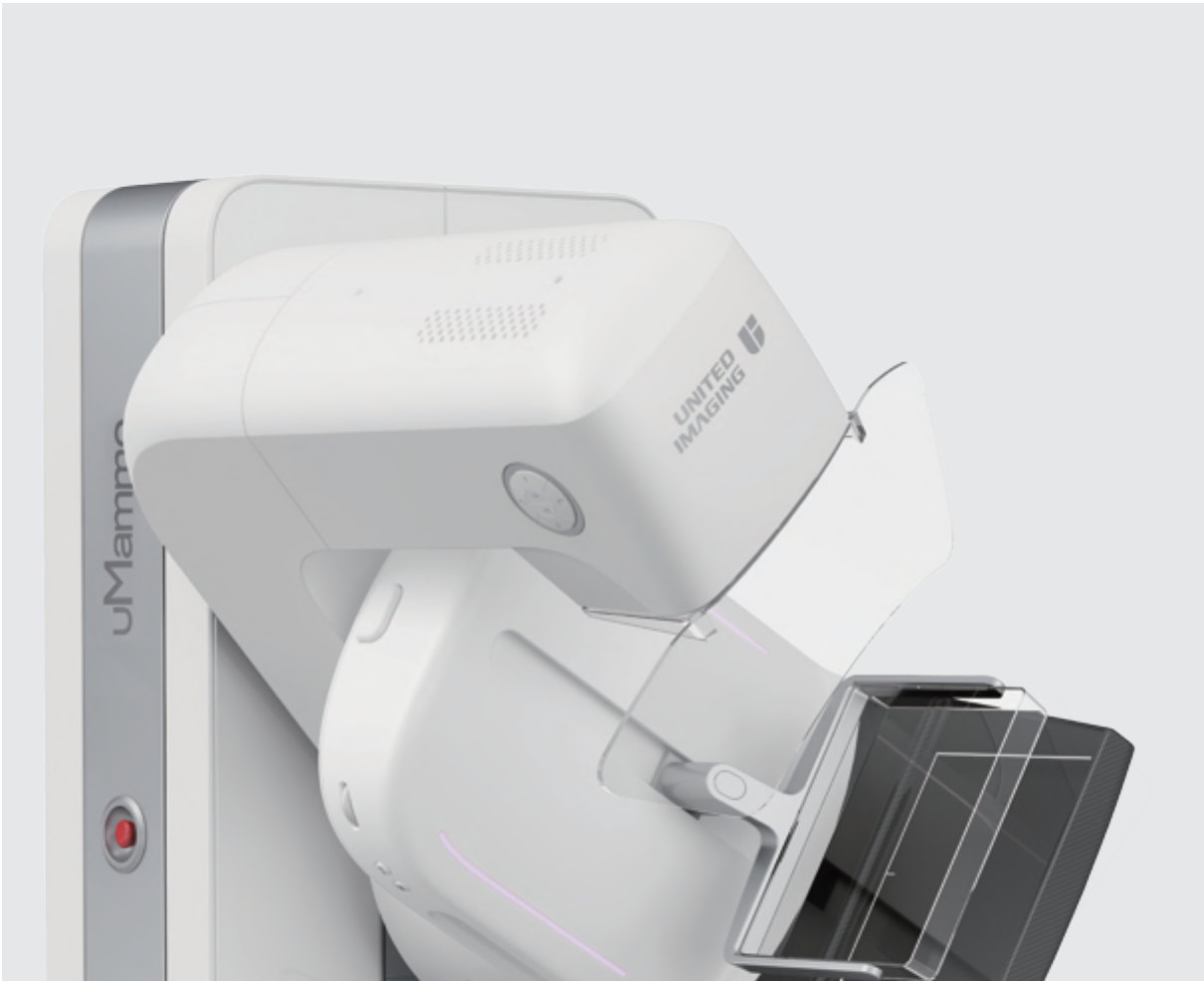
U-View



DBT

Human-Centered Design

Focusing on user experience, uMammo 890i combines accurate operation with a lightweight and artistic design. We bring aesthetic enjoyment and ease of use to the technology, delivering care, trust and respect through our design.



Pleasing Aesthetics

Our design scheme integrates oriental aesthetics with minimalism, presenting a seamless fusion of traditional and modern styling.

User-Friendly Design

The product design delivers comfort, safety, efficiency and ease-of-use. By applying ergonomic principles the uMammo 890i combines innovative design with optimal functionality in order to provide a better possible user experience, optimizing patient comfort during the examination.

Sophisticated Craftsmanship

Driven by the tenets of precision design, we fine-tune every technological detail to embody the spirit of craftsmanship in every product.