

Envision™ Mammography Platform

**This is
mammography,
reimagined.**

HOLOGIC



Where intention meets innovation.

More than a decade of development. A team of passionate engineers. Extensive clinical feedback. One unwavering commitment: to once again take mammography to the next level.

Introducing the Hologic Envision™ platform, redesigned from the ground up to be the most advanced, patient-centric breast imaging platform on the market. Experience exceptional image quality, enhanced by Hologic AI technologies—for high-resolution imaging that aids in breast cancer detection.¹ This is where proven, best-in-class imaging meets individualized care for every patient.



Exceptional, high speed 3D images.

Offer patients the fastest 3D scan time on the market—2.5 seconds—without sacrificing image resolution.^{2,3} Our patented Focusing Technology minimizes focal spot blur and improves 3D image sharpness.^{2,3}



Tilt positioning.

Adapts to each patient's body by tilting $\pm 10^\circ$ in all views, so it's more likely to capture more breast tissue by an average of 1.3 cm than without tilt.⁴



Integrated Genius AI® Detection Assistant.

Our best-in-class, AI-powered algorithms deliver 70 μ m high-resolution 3D imaging for accurate and timely diagnoses. An integrated Genius AI® detection solution offers individualized care out of the box.^{**1,5,6}

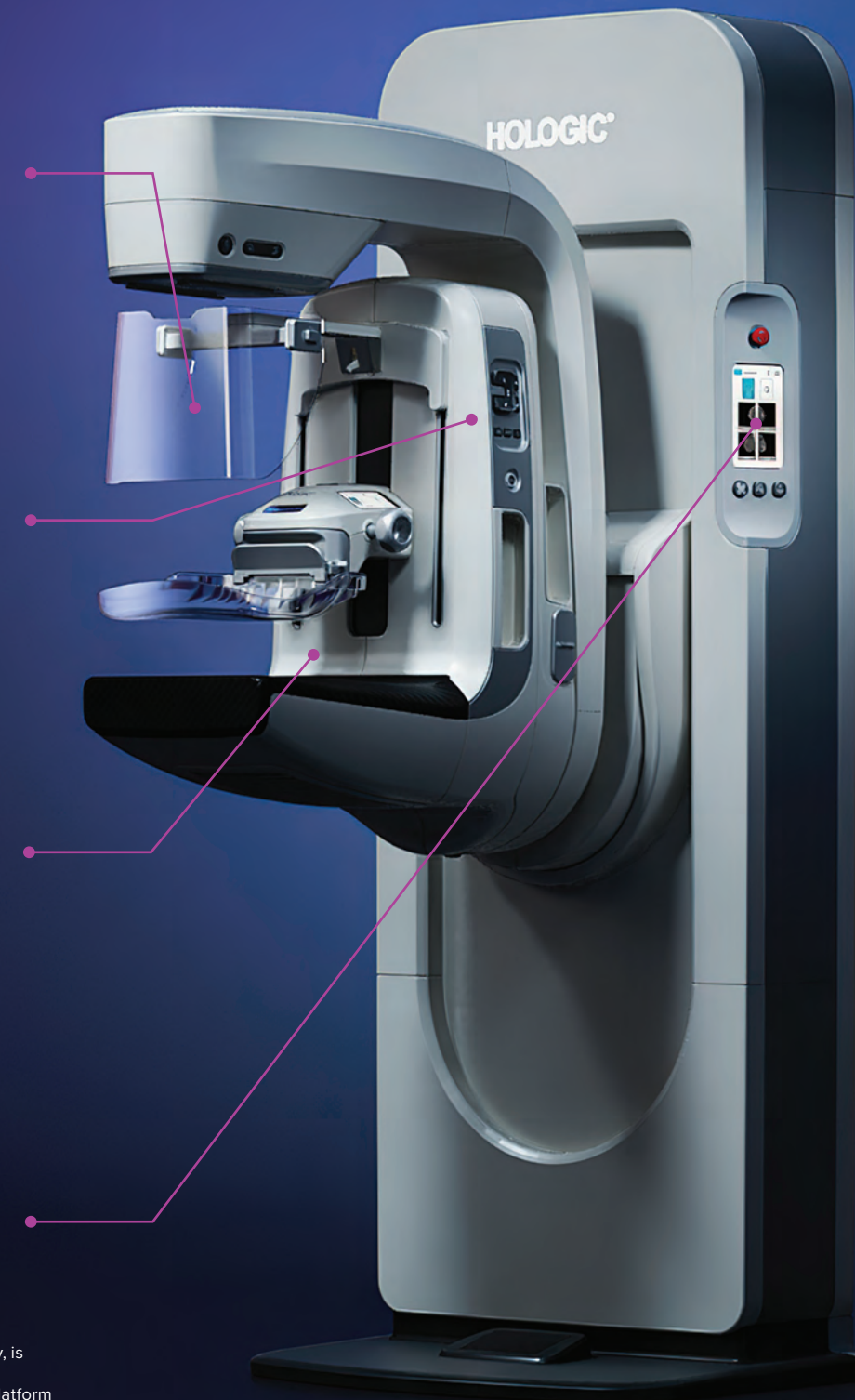


Personalized workflow.

Redesigned to include intuitive, ergonomic features customizable to each technologist's streamlined workflow.

^{*}P value = 0.003 is used for exploratory purposes only, is nominal, and is not based on any formal hypothesis.

^{**}Genius AI® Detection 2.0 Software on the Envision Platform is pending 510(k) clearance with the US FDA.





PERSONALIZED POSITIONING

Millimeters matter.

Our new platform was designed to be inclusive, accessible, and inviting to all women—especially extensive patient types, such as kyphotic, frozen shoulder, or wheelchair users. Limited mobility patients represent approximately 14% of the screening population,^{8,9} yet their reported mammography compliance is 23% lower compared to women without mobility limitations.¹⁰ Positioning challenges with these patients may add up to 10 minutes per procedure.¹¹

But now with tilt positioning, unlock a new degree of freedom designed to improve positioning for all patients. It is engineered to adapt to patients' contours, relaxing the pectoral muscle to improve tissue capture and yield consistent, high-quality imaging.¹ So you can prioritize equitable clarity and care.

+/-10°

tilt positioning in all views for patient inclusivity and ultimate flexibility for breast imaging

Data that drives decisions.

Our industry-proven Genius AI technologies transform the 70-µm high-resolution 3D data sets into Intelligent2D™ synthetic 2D images and 3DQuorum® SmartSlices. AI identifies clinically relevant regions of interest and preserves critical features during the creation of the SmartSlices, delivering on the same clinical performance, now faster.^{1,6,7}

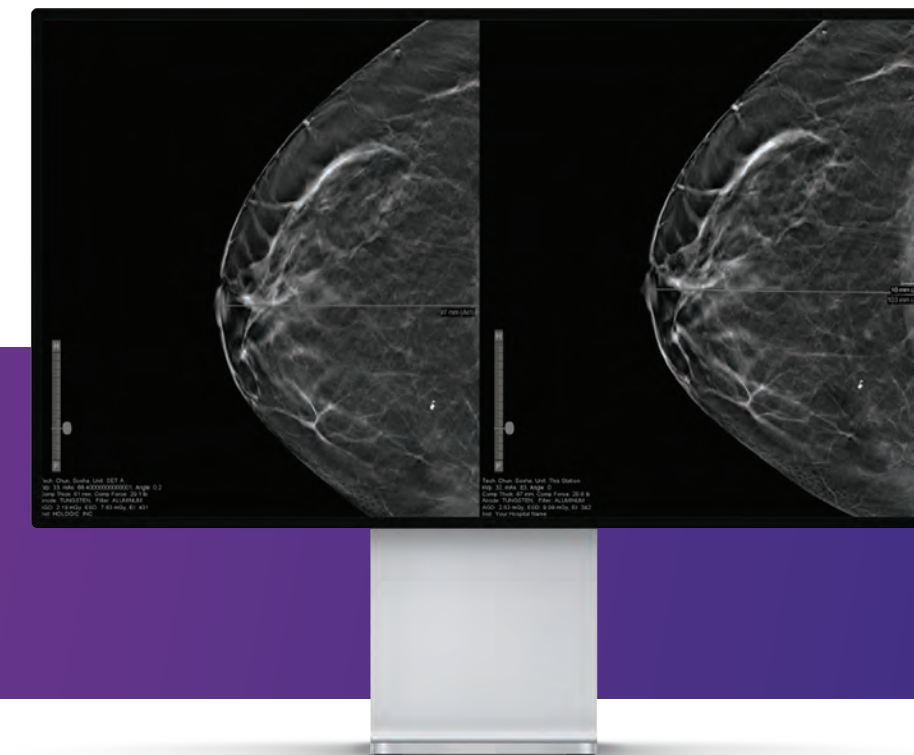
Plus, the platform offers standard an integrated AI assistant* for individualized care right out of the box. Now you can experience enhanced precision that complements the radiologist's eye for a second check with every screening.

FOCUSING TECHNOLOGY

Our fastest, sharpest 3D images. Ever.^{**2,3,12}

The Envision™ platform is powered by patented Focusing Technology, the first FDA-approved mammography innovation of its kind.¹ Now you can offer patients the fastest 3D scan time on the market—2.5 seconds—without sacrificing image resolution.^{2,3} Compared to Hologic 3Dimensions™ high-resolution 3D imaging, Focusing Technology improves image sharpness an average of 19% at 6 cm above the detector plate.^{2,3}

Our Comprehensive Imaging Package includes an integrated Genius AI® detection assistant*, plus Genius AI®-powered 3DQuorum SmartSlice technology to reduce read times by an average of 1 hour per day in image interpretation time^{***1,6} and Intelligent2D™ Synthetic 2D imaging as a low-dose alternative to FFDM.¹



2.5-sec.

high-speed 3D scan time is 33% faster compared to Hologic 3Dimensions™ system¹²

◀ Close-up DICOM images show improved tissue capture with tilt (right) vs. without tilt (left)

* Genius AI Detection 2.0 Software on the Envision Platform is pending 510(k) clearance with the US FDA.

** Compared to 3Dimensions Clarity HD+ imaging.

*** Based on 8 hours of image interpretation time per day. The reading time gain is measured in comparison to 1 mm tomosynthesis slices and synthetic 2D image from Hologic's Selenia® Dimensions 3D System.



2023 Best System Performance Winner
Hologic, Inc.

SURECARE® SERVICE

Minimize downtime.

With SureCare Service, exceptional imaging is also reliable imaging. The new platform was reengineered from the ground up with performance and serviceability in mind. Track 700+ new analytics parameters, allowing for predictive service potential.¹³ Plus, our award-winning SureCare Service team is renowned for its excellent response time, ensuring smooth operations so you can continue to care for your patients.

INTUITIVE AND OPTIMIZED

Accelerate your every day.

Our enhanced platform is engineered to streamline the mammography exam:

- **Advanced touchscreens** display prior scans and activate procedure views
- **Auto-MLO** with **angle memory** intuitively rotates for repeatable, optimal positioning
- **Streamlined surface** offers expanded positioning access and a slim detector
- **Interactive displays** highlight positioning metrics for smarter, more connected care

The **Premium Acquisition Workstation** features personalized ergonomics, a biometric login, automatic height adjustment, a modernized user interface, and integrated storage solutions.

98%

of the system is accessible from the front and sides, designed to improve serviceability¹⁴

PREMIUM EXPERIENCE

A modernized 3D mammogram.

Now you can give patients a faster and more comfortable mammogram than ever before.^{12,15} Most importantly, a Hologic 3D™ mammogram detects more invasive breast cancers and reduces callbacks compared to 2D alone.¹⁶ And only the Hologic 3D™ mammogram is FDA-approved as superior for women with dense breasts compared to 2D alone.^{1,16-20}

The Envision™ platform features:

- A personalized welcome screen
- Audio breathing prompts in up to 15 languages
- Adaptable tilt positioning adapts to patients of any shape and size
- SmartCurve® system that mirrors the patient's shape to reduce pinching and applies uniform compression over the entire breast²¹
- 70% of women report that compression is more comfortable on the Envision platform compared to standard of care¹⁵
- Up to 15% lower 3D dose for breast thicknesses >6cm^{13,22} — representing 59% of the population²³

93%

of women reported increased comfort with the SmartCurve® Breast Stabilization System²¹



*Compared to 3Dimensions ClarityHD+ imaging

Let's transform mammography, together.

Imagine the possibilities.

Connect with one of our representatives to learn more about how the Hologic Envision™ mammography platform will elevate your existing fleet — or help you create a high-resolution, AI-powered imaging ecosystem.

Request more information at
Hologic.com/Envision.

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