A family of mammography solutions to fit any practice

Selenia® and Selenia® Dimensions® systems
Digital Mammography

Hologic offers a complete line of digital mammography products designed to fit virtually every institutional budget and objective — without sacrificing image quality.

Image quality is the key to early detection. That’s why we invest millions of dollars each year in research and development to push the boundaries of imaging technology and why the industry has come to expect the best image quality from Hologic.

KLAS has named Hologic the best overall digital mammography vendor from 2008 – 2013. The Hologic Selenia® Dimensions® breast tomosynthesis system, the first commercially available system of its kind for breast cancer screening and diagnosis, received the second highest overall performance score of the 10 Best in KLAS medical equipment categories and ranked first in its category.

• In 2011, the Selenia Dimensions mammography system won gold in the Medical Design Excellence Award (MDEA) for innovation in design and engineering.
• In 2012, Millennium picked Hologic as the U.S. market leader in breast imaging and CAD systems.

The exceptional image quality provided by all Hologic Selenia digital mammography systems incorporate these critical elements:

• Amorphous selenium direct capture detector technology. This completely eliminates light diffusion for optimal clarity and exquisite image quality.
• Hologic’s patented High Transmission Cellular (HTC™) grid technology that delivers high contrast images by significantly reducing radiation scatter without increasing dose.

A family of solutions to fit any practice

Selenia® Dimensions® with Acquisition Workstation 8000

Selenia Dimensions with Acquisition Workstation (AWS) 8000, the industry’s most sophisticated digital mammography system, is designed for breast centers that desire exceptional image quality, optimized patient dose, high productivity and a flexible platform created for advanced applications. This award-winning system can be used to perform 2D and 3D screening, diagnostic and interventional mammography, as well as breast tomosynthesis.*

Features:

- Advanced next-generation detector
- Tungsten X-ray tube with rhodium, silver and aluminum† filters
- Premium ergonomic acquisition workstation
- 3MP medical-grade DICOM grayscale LCD display on articulating arm
- Intuitive touch-screen user interface with biometric login
- Bi-directional notice communication and Modality Performed Procedure Step (MPPS) licenses
- Four screening and four diagnostic compression paddles‡
- Stereotactic and tomosynthesis biopsy-ready; compatible with the Affirm™ upright biopsy guidance system and a variety of biopsy devices*
- C-View™ software lower dose tomosynthesis option*

Selenia Dimensions with AWS 8000 is also available as a mobile 2D/3D mammography system.

*Additional options are available for purchase.
† Only with the 3D option.
‡ Requires a minimum of 3MP grayscale display for interventional procedures.
§ Additional options are available for purchase.
**Selenia® Dimensions® Avia package**

The Selenia Dimensions Avia package offers excellent digital images on a cost-effective platform. And with the potential to add more advanced technologies, you can upgrade this solution as your practice grows. Use it today for high-volume mammography screening or diagnostic procedures, then down the road, add one or more field-upgradeable options that enable interventional and breast tomosynthesis procedures.

Features:

- Advanced next-generation detector
- Tungsten X-ray tube with rhodium, silver and aluminum† filters
- Standard acquisition workstation console with motorized height adjustment
- 2MP standard color LCD display‡
- Mouse-driven acquisition workstation
- Two screening and two diagnostic compression paddles§
- C-View™ software lower dose tomosynthesis option†
- Stereotactic and tomosynthesis biopsy-ready; compatible with the Affirm™ upright biopsy guidance system and a variety of biopsy devices.†

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**Selenia® Dimensions® with Acquisition Workstation 5000**

The Selenia Dimensions with the AWS 5000 configuration allows you to tailor the system to fit your unique workflow and budgetary needs – without sacrificing image quality. This system can be used to perform 2D and 3D screening, diagnostic and interventional mammography.

Features:

- Advanced next-generation detector
- Tungsten X-ray tube with rhodium, silver and aluminum† filters
- Standard acquisition workstation console with motorized height adjustment
- 2MP standard color LCD display‡
- Mouse-driven acquisition workstation
- Two screening and two diagnostic compression paddles§
- C-View™ software lower dose tomosynthesis option†
- Stereotactic and tomosynthesis biopsy-ready; compatible with the Affirm™ upright biopsy guidance system and a variety of biopsy devices.†

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*Additional purchase applies.
†Only with the 3D option.
‡Requires a minimum of 2MP grayscale display for interventional procedures.
§Additional options are available for purchase.
*Additional options are available for purchase.
Selenia® Performance package

The Selenia Performance package is an ideal solution for centers that are looking for Hologic’s high quality digital breast imaging for screening and diagnostic mammography at a practical price point. It’s an excellent alternative to computed radiography (CR) or screen-film mammography.

Features:

- Advanced next-generation detector
- Tungsten X-ray tube
- Acquisition workstation console
- Three screening and three diagnostic compression paddles
- ImageChecker® CAD
- Windows 7 operating software

SecurView® DX workstation.
A comprehensive solution.

Efficient and interactive diagnostic tools, our SecurView DX diagnostic workstation has been optimized to support the Selenia Dimensions® breast tomosynthesis system, with novel workflow tools to ensure accurate and efficient review of both 2D and breast tomosynthesis exams.

- Speed adjustable cine loop
- User selectable slabbing mode
- Co-registered 2D & 3D images
- A full range of workflow solutions, customizable to your needs

### Product specifications

**KEY:**

- • = standard equipment
- Δ = optional equipment

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Paddles are not interchangeable between Selenia and Selenia Dimensions systems.

- *Requires additional license purchase.
- ‡ Selenia Performance 5.1 software required.
- § Paddles are not interchangeable between Selenia and Selenia Dimensions systems.
- FAST feature is included on Selenia Dimensions when using standard paddles.

For a complete list of features and options, refer to the system-specific data sheet.
Preserving Lives. At Hologic, we deliver trailblazing technologies to keep you on the forefront of breast care. Our passion drives us in the relentless pursuit of innovative tools that set new paradigms for the early detection, accurate diagnosis, intervention and treatment of breast cancer — technologies to help you protect and preserve the lives of your patients. With you, we are on a mission to help women live longer, healthier lives.

Clinical Diagnostics Solutions
Skeletal Health Solutions
Women’s Health Solutions

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