



Selenia<sup>®</sup> Dimensions<sup>®</sup>  
Avia Package

**HOLOGIC<sup>®</sup>**  
Extraordinarily powerful care

# An advanced digital mammography system tailored to fit your unique workflow and budgetary needs

The Selenia® Dimensions® Avia package offers excellent digital imaging on a cost-effective platform. Use it today for high-volume mammography screening. In the future, as your requirements change, simply add one or more field-upgradable options to enable complete diagnostic imaging capabilities and support for interventional and Hologic 3D mammography procedures.\*



## A breast imaging platform for today and the future

The Selenia Dimensions Avia package incorporates the latest technology to simplify workflow for the technologist, while facilitating high patient throughput.

### User-friendly controls

Intuitive icons and function screens allow the operator to move through exams quickly and efficiently.

### High-resolution display

Images are instantly viewed on a 2MP LCD-calibrated display, providing superior image quality and detail. Prior breast imaging studies can be recalled, making it possible to view new and prior images side by side.

### Superior detector technology

The Selenia Dimensions Avia package is based on the same reliable and proven amorphous Selenium detector technology featured in all Hologic Selenia Dimensions systems. With 70-micron-resolution image capture, the Hologic detector delivers outstanding clinical performance and superb image quality.

### Advanced paddle technology

Our acclaimed FAST Paddle™ system, utilizing Smart Paddle™ technology, conforms to the natural contour of the breast, providing greater comfort to the patient and more even compression across the entire breast. All of our paddles can be used for both 2D and 3D imaging for greater flexibility. In addition, the light and easy-to-handle paddles can be converted from a flexible to a standard screening paddle with the push of a button, enabling the technologist to quickly make sure the right paddle is used for each patient.

### Ergonomically designed tube head

The streamlined tube head and source to image distance (SID) of 70 cm provides more space to maneuver the patient, making positioning easier. This is especially important during interventional procedures. This additional work space gives the technologist more room to position the patient and is ideal for interventional procedures.

### Natural positioning

Ergonomically designed pockets on the side of the gantry give patients a natural spot to rest their hands during exams, making it more comfortable for the patient. Unlike other systems, the pocket design naturally discourages the patient from squeezing the support, keeping the patient more relaxed and pliant for easier positioning.

\*Interventional and Hologic 3D mammography applications are optional upgrades.



## A comprehensive solution for maximum workflow productivity

### Efficient and interactive diagnostic tools

Our **SecurView® DX diagnostic workstation** has been optimized to support the **Selenia® Dimensions® Avia package**, with novel workflow tools to ensure accurate and efficient review of both 2D digital mammography and Hologic 3D mammography exams: These include:

- The industry's most advanced workflow and image manipulation tools for optimized productivity.
- Two-way communication between radiologists and technologists at the acquisition workstation.
- Ability to view digital mammograms in concert with breast images from other modalities.
- Automatic retrieval of prior images from PACS, auto-fetching directly from the SecurView workstation and pre-fetching via the SecurXchange® router.
- Automatic synchronization of patient information with commonly used RIS, dictation and reporting systems through the optional application.



### Image analytics

The Hologic Cenova™ server hosts a range of software applications that process digital or digitized breast images.

- **ImageChecker® CAD software** analyzes 2D digital images and marks suspicious masses and clusters of calcifications.
- **Quantra™ software** is a unique volumetric breast density assessment tool that allows radiologists to monitor changes in breast density over time.
- **DigitalNow™ HD software** eases the transition from screen-film to digital mammography.

# Make a real difference in patient care

Join breast centers around the world that have chosen to offer their patients breakthrough technology in digital mammography, and become a leader in breast cancer detection.

For more information on our family of breast health solutions, please visit [hologic.com](http://hologic.com).

**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**

[hologic.com](http://hologic.com) | [info@hologic.com](mailto:info@hologic.com) | +1.781.999.7300