

## somo•v ABUS Platinum

### Designed to match a woman's anatomy

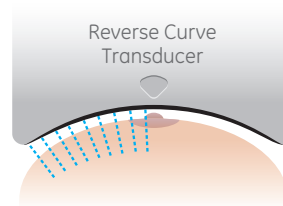
All breasts are not the same — and no single imaging technology is right for all patients. The value of mammography is undeniable. However, dense breast tissue may require additional imaging technology.

The somo•v Automated Breast Ultrasound (ABUS<sup>®</sup>) Platinum with the patented Reverse Curve<sup>™</sup> Soft Touch Transducer offers extraordinary image performance, enhanced breast coverage and patient comfort. The result is clear and insightful images to help improve diagnostic quality when used as an adjunct to mammography for women with dense breast tissue.



### Reverse Curve Soft Touch Transducer

The somo•v Platinum's Reverse Curve Soft Touch transducer technology is an extraordinary new class of transducer design matched to a woman's anatomy.



Convergent scan line geometry allows soundwaves to penetrate the skin perpendicularly, minimizing beam refraction, improving penetration and sharpening focus

Anatomically correct by design, the Reverse Curve Soft Touch Transducer:

- Automates operator independent image acquisition
- Creates a uniform compression across the entire breast
- Enables deep penetration due to convergent scan line geometry
- Helps improve detail resolution at depth

The Reverse Curve is a 15 cm, high frequency, ultra-broadband transducer which delivers precise anatomical detail of complex breast tissues and structures in a multiplanar 3D volume view.

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# somo•v ABUS

Automated Breast Ultrasound

## 1 Acquire Images

- Automated image acquisition
- Reverse Curve Soft Touch Transducer
- 60 second acquisition per view



## 2 Interpret Images

- Accurate image interpretation
- Review 3D volume sets on Workstation
- Patented 2 mm thick coronal view slice



## somo•VIEWer Advanced 3D Workstation

Images generated from the somo•v Platinum system are sent to the somo•VIEWer Advanced 3D Workstation for interpretation, enabling fast, quick review and archiving of patient exams to optimize breast ultrasound workflow.

3D volumes are displayed in a patented, 2 mm thick coronal view slice from the skin to the chest wall using proprietary pattern recognition software. The result is a reading environment which allows for rapid and intuitive analysis of intricate breast anatomy and pathology.

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Indication for Use: The device is indicated for use as an adjunct to mammography for B-mode ultrasonic imaging of a patient's breast when used with an automatic scanning linear array transducer or a handheld transducer. The device is not intended to be used as a replacement for screening mammography.