

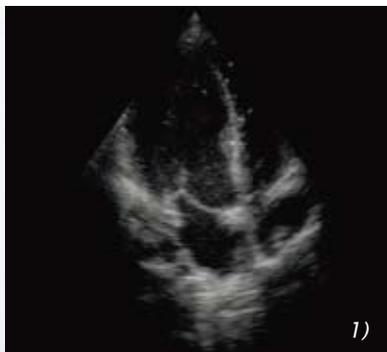


Phased array technology fulfills basic cardiac ultrasound needs

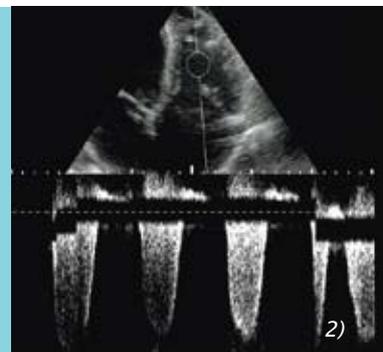
| 8827 |



- Quick and reliable diagnostic information
- Ergonomic design
- Dynamic cardiac examinations
- Superb image quality and cardiac calculations



- 1) 4-chamber view of a replaced prosthetic tricuspid valve.
- 2) CW Doppler view of the mitral valve.



The ergonomic and lightweight 8827 transducer is designed for cardiac scanning. Its phased array provides a wide scanning angle and a high frame rate, for all of the cardiac information you need.



The 8827 makes basic cardiac imaging straightforward.

■ Ergonomic design, suitable for all patients

The 8827's ergonomically designed handle makes the transducer very easy to hold. The small footprint provides easy access and greater patient comfort, making it ideal for intercostal scanning of all types of patients. Indentations on the transducer's shoulders make it easier to grip; at a mere 74g, this transducer is very comfortable to hold and easy to maneuver during examinations. Scanning plane orientation is made easy with the orientation mark on the handle.

■ Dynamic cardiac examinations

Phased array technology combined with a high frame rate makes the 8827 highly sensitive to movement. This means you get a very dynamic cardiac image to help you make the best patient assessment possible. Combined with a wide scanning angle (90°), a wide image field enables you to see the entire myocardium during your echocardiographic examination.

■ Superb image quality and cardiac calculations

With the high CW Doppler* sensitivity, you can easily see key hemodynamics and high velocity blood flow. The favorable signal-to-noise ratio of Tissue Harmonic imaging provides outstanding visualization of cardiac structures. This superb image quality, combined with the measurement and calculation capabilities of the Pro Focus, gives you the information to confidently distinguish between structures and helps you determine your diagnosis.



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Specifications

Frequency range

2 to 4 MHz

Focal range (typical)

10-134 mm

Scanning modes

B, M, Doppler, BCFM, CW
Doppler*, Tissue Harmonic
Imaging

Contact surface (acoustic)

16 x 13 mm

Disinfection

Immersion (except plug)
Sterile covers are available

Physical data

141 x 35 x 25 mm

Weight

74 g, not including cable and
connector

**On scanners that include CW.*