

Designed for higher productivity

Vivid S6 and S5 cardiovascular ultrasound systems

The Vivid™ S6 and S5 Signature Class cardiovascular ultrasound systems feature an innovative design that helps improve productivity. With their high-performance, compact design where miniaturization meets console, and ergonomic comfort, the S6 and S5 bring workflow and productivity to the next level. Automated image-optimization features and a wide range of connectivity options facilitate faster acquisitions, streamline procedures and provide a higher standard of productivity in any lab.

Performance

The systems offer several automated options that help make acquisition easy, and enhance image quality. Easy manipulation of data facilitates rapid interpretation and confident diagnoses for all applications.

- Smart Depth adapts frequency, focus position and several internal parameters automatically to the selected depth.
- SmartStress* assists in improving workflow, shortens optimization time and provides reproducibility.
- Live Anatomical M-Mode facilitates making on-axis measurements easy to obtain, even in non-standard planes. Also Anatomical M-Mode supports the assessment of LV wall motion in apical planes.
- Multiple foci control helps optimize the image resolution to the diagnostic requirements.
- Automatic Tissue and Spectrum Optimization provide automatic optimization with one touch of a button that's well within reach.
- Speckle Reduction Imaging reduces speckle noise, and improves signal-to-noise ratio.
- LOGIQView permits the user to view wide scenarios by building up the image while moving the probe.
- Wide Aperture receives with two narrower beams instead of one wider beam, for higher lateral resolution and better penetration.
- Compound Imaging improves vessel wall definition, spatial and contrast resolution.

“Fast track echocardiography, with easy-to-use workflow (i.e., flex and auto keys), allows a fast and effective examination.”

*Dr. Stephan Beckmann, Cardiologist,
Berlin, Germany*



“The overall control keyboard is very well organized and easy to understand. For example, we moved the system to ICU in the middle of the night for a doctor who did not know the Vivid family. He found the system very easy to use, and performed the examination very quickly.”

*Dr. Ghislaine Deklunder,
Chief of Department for Non Invasive Cardiac
and Vascular Lab, University Hospital of Lille,
Cardiac Hospital, Lille, France*



“The Vivid S6 is user friendly, with a great ergonomic design. ”

*Dr. Yvonne Gilliland, Cardiologist
Ochsner Clinic Foundation
New Orleans, LA*

Reach

The Vivid S6 and S5 can reach more patients' needs with their quantitative tools. This can result in better image quality and quicker exam times, for increased productivity in most echo environments.

The Vivid S6 offers innovative imaging features, such as:

- 6 levels of Harmonics on the M4S-RS
- Tissue Tracking (TT) (also on the Vivid S5)
- Tissue Velocity Imaging (TVI) (also on the Vivid S5)
- Advanced Tissue Synchronization Imaging (TSI)

Mobility

The new ergonomic design of the Vivid S6 and S5 may reduce fatigue and discomfort, and promote efficiency and well-being, when performing mobile studies.

- The physiological “Flex-Fit” mechanism (up and in, down and out) enables continuous pivoting height adjustment of the control panel, while keeping optimal distance from the user. This often leaves just the right legroom for standing or sitting positions.
- Horizontal keyboard swivel ensures optimal placement and comfort during operation.
- The “Flex” keys, just next to the trackball, can be assigned to assume the function of other, more distant keys, for minimal effort, increased speed and ease of use.

The innovative industrial design provides several productivity features:

- Monitor Auto Sensor saves time by adapting the monitor brightness, contrast and gamma to the environmental light conditions.
- Uninterruptible Power Supply automatically saves data and turns off the system in case of power failure or accidental shutdown.
- Three probe connectors offer three probe options at your fingertips – with no port change – for faster probe choice.
- 15"/17" high contrast, wide-angle monitor for easy viewing at any angle.

Compatibility

The Vivid S6 and S5 are members of the Vivid family, therefore, they offer a wide range of advanced connectivity options that improve productivity. These include compatibility with EchoPAC™, the Image Vault server, DICOM server and DICOM printer. Removable storage media include DVD/CD, USB stick and an MO disk.

In addition, the Vivid S6 and S5 offer the ability to import the database from a Vivid 3 or 4 system. So the existing patient and examination data and images are maintained, and new examinations can be added to existing patients.

Vivid S6 and S5 probes are compatible with the Vivid *i* and Vivid *e*. The TEE probes are also compatible with Vivid 3 and Vivid 7.

*Only available for Vivid S6

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imagination at work

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