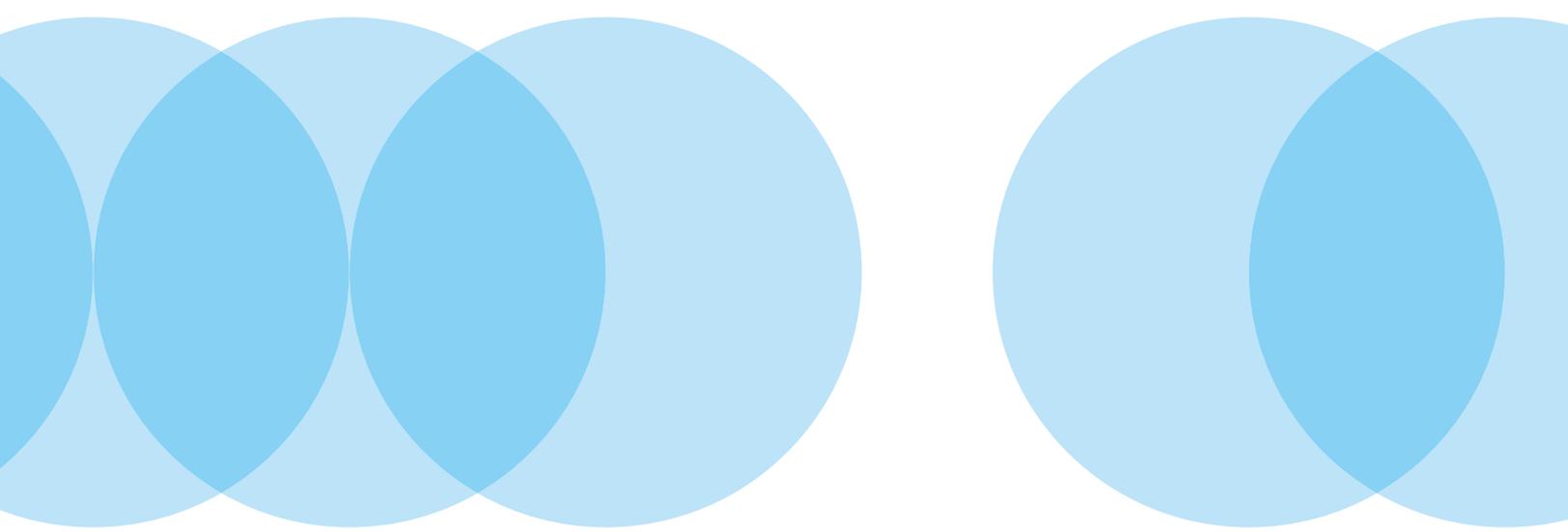


GE Healthcare

# Vivid T8

Cardiac and shared services.  
Together like never before from GE.





The Vivid\* T8 combines the established cardiac imaging capabilities of GE Vivid systems with exceptional shared services performance of the LOGIQ\* systems. The result is a truly hybrid cardiovascular ultrasound system that is rugged, reliable, robust, and rich with features, yet still affordable and convenient to use.

And, with three years of comprehensive service coverage, the Vivid T8 system is designed to help enhance the total value of ownership.



## Take rugged reliability to challenging conditions.

Reliability was the number one priority in developing the Vivid T8. The system was designed and rigorously tested to provide a hardy robustness and reliability even in very harsh, demanding environments.

- **Rugged construction for durable performance** proven through 20 hours of intense vibration testing and shock testing with 1,000 strikes at a force of 10 Gs.
- **Broad thermal range** verified via rigorous thermal testing in both intense heat and cold and cycling back and forth between two temperature extremes.
- **Excellent dust protection** with superb performance even with both fans clogged with large amounts of dust.
- **Very low use error** even after repeated normal power-on/off cycles, forced power-off cycles, and transducer removals and insertions.

## Scan with convenience.

The Vivid T8 is designed to be easy to operate and transport in many environments. Its intuitive user interface is a true Vivid console, with Vivid applications, features, workflow, and reliability, simplified for ease of use.

- **Intuitive control layout** includes the touch screen, rotary dials, patient management buttons and all Mode buttons conveniently grouped together near the trackball.
- **Ready-to-go mobility** – thanks to the light, 58-kilogram (128 pounds) weight, durable casters, and push handles front and back—makes the Vivid T8 easy to push and roll on tiled or carpeted floors.
- **Ample transducer capacity** provides four RS transducer ports and four standard transducer holders, plus two optional ones.

## Leverage Vivid cardiac IQ and functionality.

A feature-rich system with established Vivid software, the T8 boosts its cardiac imaging capabilities with advanced quantitative tools.

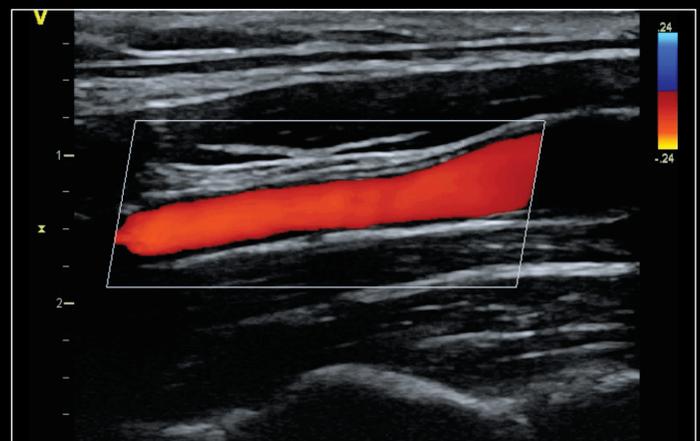
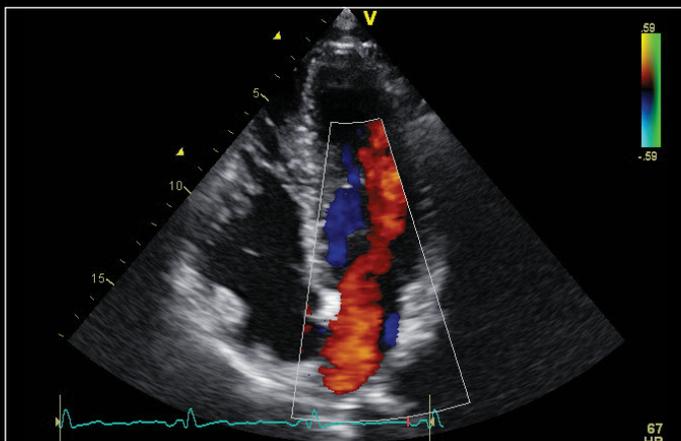
- **Tissue Velocity Imaging** captures dynamic information from moving heart tissue to quantify left ventricular function.
- **AutoEF<sup>1</sup>** automatically assesses left ventricular ejection fraction using an automated, speckle-tracking ROI tool.
- **SmartStress<sup>1</sup>** automatically adjusts settings to help enhance workflow, reproducibility, and diagnostic confidence.
- **Automated Function Imaging<sup>1</sup>** assesses and quantifies left ventricular wall motion at rest, and calculates parameters to describe left ventricular wall function.
- **Tissue Tracking/Tissue Synchronization Imaging<sup>1</sup>** enhances images for assessing delayed cardiac wall motion.
- **Strain /Strain Rate Imaging<sup>1</sup>** helps enhance visual and quantitative recognition of dysfunctioning myocardial segments to help in evaluating regional systolic function in ischemic heart disease.
- **Complete cardiac transducer selection** includes 3Sc-RS, 6S-RS, 6Tc-RS, and pedoff transducers.

## Share services freely.

The flexible Vivid T8 delivers exceptional shared service image quality, with options to customize the system to your facility's needs.

- **Auto IMT<sup>1</sup>** provides automatic edge detection for intima-media thickness and auto-completes required measurements.
- **Virtual Convex<sup>1</sup>** extends the field of view when using linear transducers.
- **LOGIQview<sup>1</sup>** increases the field of view to image large organs that typically can't be seen in a single image.
- **B-Flow<sup>1</sup>** provides advanced spatial and temporal resolution to help assess blood flow and vessel wall structure without the limitations of Doppler.
- **Blood Flow Imaging<sup>1</sup>** helps enhance visualization of blood flow dynamics using a unique signal-processing algorithm.
- **Versatile shared service transducer selection<sup>1</sup>** includes 4C-RS, 8C-RS, E8C-RS, and L6-12-RS transducers.

<sup>1</sup> Options





## Vivid T8 Service Package.

GE Healthcare continually develops innovative programs that evolve with customer needs. Today, GE Healthcare launches an innovative offering based on total cost of ownership approach. In order to offer you a complete offering and better service, our new product Vivid T8 systematically includes 3 years of service coverage.

### With a 3 Year Service Coverage

**1 year standard warranty**

**2 additional years of service coverage**

- On-site Corrective maintenance (labor, necessary spare parts)
- 1 Corrective standard probe per year in case of failure (excl. TEE probe)
- Remote service support<sup>2</sup> via InSite<sup>®</sup> ExC (remote diagnosis, remote system file repair, remote file transfer, console control sharing, remote software download, remote software reload, e-PAT (probe assessment tool))

<sup>2</sup> InSite functions requires a high-speed direct Internet connection and depends on regional availability and speed of connection.



### Enable Smarter outcomes with Smarter Technology.

InSite<sup>®</sup> with Express Connection is GE Healthcare's latest breakthrough in service technology, enabling proactive monitoring, real-time application support, remote problem diagnosis, and faster equipment repair for more uptime.



### Imagination at work

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The Vivid T8/Vivid T8 Pro is Multipurpose Cardiovascular System designed for cardiac and Shared Service Imaging, the system supports following applications: Fetal/OB, Abdominal, Pediatric, Small Organ, Cardiac, Peripheral Vascular, Musculoskeletal Superficial/Conventional, Adult Cephalic, Neonatal Cephalic, Transcranial, Transrectal, Transvaginal and Transesophageal.

The system used for performing measurements, annotating, printing/reporting on the acquired/stored images.

Class: IIa  
 Manufacturer: GE Medical Systems (China) Co., Ltd.  
 Notified Body : TUV-Rheinland no.0197

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Always refer to the complete User's manual before use and carefully read all instructions to ensure the good use of your medical device.

Data subject to change. Marketing Communications GE Medical Systems. Société en Commandite Simple au capital de 85.418.040 euros 283, rue de la Minière, 78533 Buc Cedex France, RCS Versailles B 315 013 359; A General Electric company, doing business as GE Healthcare. \*Trademarks of General Electric Company. ©2014 General Electric Company. All rights reserved. \*\* All third party trademarks are the property of their respective owner. The clinical cases are displayed for educational purposes only and for the benefit of healthcare students and professionals.