

Item No.	QTY	CATALOG	DESCRIPTION
1	1		<p data-bbox="521 422 1019 447">Vivid i BT12 Cardiac system with Respiration</p> <p data-bbox="521 472 1279 968">Vivid i Ultra-portable High-End Echocardiography System Vivid i is a miniaturized ultra-portable high performance cardiovascular ultrasound system. The system's performance is distinguished by advanced image quality, sensitivity, ultra-high frame rates, and speed. This enables high diagnostic performance for Cardiac, Vascular, Pediatric, Fetal, Abdominal, and Perioperative applications. Sophisticated measurement and analysis tools and comprehensive connectivity with a wireless network option help improve productivity. A 15" high-quality LCD monitor provides wide-angle visibility with programmable adjustments for optimized image quality. A rechargeable battery and an advanced power management system provide approximately 1.0 hour of full scan operation when the unit is unplugged from the AC mains power source.</p> <p data-bbox="521 978 1279 1293">The Vivid i is based on GE's TruScan™ Architecture that is common to all GE Ultrasound systems. It features a powerful PC platform (with high processing power, storage, graphics capabilities and Input/Output versatility), raw data/DICOM storage with specific post-processing capabilities, record archiving and management, on-board high capacity hard disk storage, and a comparable software platform, user interface, reporting systems and connectivity as that found in leadership cardiovascular ultrasound console systems.</p> <p data-bbox="521 1304 1279 1587">The system offers several features aimed at enhancing image quality, facilitating rapid interpretation, and improving diagnostic confidence for all applications provided. Such features include the live Anatomical M-Mode, multiple foci control, Automatic Tissue and Spectrum Optimization, Ultra definition Image optimization algorithms, Carotid ClearVessel, LOGIQView™, Smart Depth, Tissue Characteristic Optimization, Wide Aperture, Compound Imaging, B-Flow, BFI and LVO Contrast.</p> <p data-bbox="521 1598 1279 1801">Advanced analysis tools available on the Vivid i include the easy to use and time saving AutoEF measurement, Smart Stress protocols, Tissue Velocity Imaging, Tissue Tracking, Tissue Synchronization Imaging, IMT for automatic measurement of Intima Media Thickness, and the Quantitative Analysis tool allowing in-depth analysis of the ultrasound data, including deriving traces and</p>

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DESCRIPTION

Curved Anatomical M-Modes.

A wide selection of transducers, including phased array, linear, curved-linear, pencil and TEE provide comprehensive testing capabilities for children and adults. Intra Cardiac Echo Imaging (ICE) catheters broaden the approach to interventional imaging. All transducers, except the 9T-RS pediatric TEE probe and the i12L-RS intraoperative probe, offer Harmonic Imaging and feature the ComfortScan design, including a small and ergonomic housing, a lightweight pliable cable, and a miniaturized snap-on RS connector, for maximum comfort of the patient and operator.

A wide range of connectivity options significantly help improve productivity. These options include compatibility with the EchoPAC review station, the Image Vault, DICOM servers, and DICOM printers. Removable storage media options include DVD/CD, USB flash cards, and an MO disk

The MPEGvue option allows clinicians to save patient records to a local storage device or to a remote shared volume in the compact high-quality MPEG4 format (in addition to AVI, JPEG, and BMP formats). The MPEGvue Player/browser can be installed on any Standard PC to view MPEG4-compressed images, measurements, or reports. The "eMail" menu option allows users to send MPEG4 records as Microsoft Outlook email attachments to a remote destination via an Internet connection.

The eVue option provides interactive remote monitoring of images acquired by the Vivid i from a PC networked to the system, via wired or wireless network communication.

The system is compatible with the Vivid line of Cardiovascular Ultrasound systems (Vivid E9, Vivid 7, Vivid S5, S6, Vivid q), including the EchoPAC review station., which duplicates the raw-data analysis, report design and report generation capabilities of the console. In addition, the system offers seamless DICOM compatibility, which enables network solutions for large- and small-scale operations alike.

Standard Configuration includes:

- Coded Harmonic Imaging

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			<ul style="list-style-type: none"> • CTO / ATO / ASO • Tissue Characteristic Optimization (TCO) • Anatomical M-Mode (AMM)* • Tissue Spectral Doppler • Dual Focus (Cardiac Applications) • Wide Aperture (Linear and Curved array Probes)* • Compound (Linear and 4C-RS Probes)* • Ultra Definition Speckle Reduction Imaging (SRI) • Ultra Definition Adaptive Reject • Coded Phase Inversion (CPI) • Read and Write Zoom • Carotid ClearVessel* • Integrated Patient Archive • Report gen. w / template editor • Battery Pack • Direct Connect to EP • DICOM Media • USB Export • ECG with Respiration • LOGIQView* • Virtual Convex* Options: • Smart Stress • AutoEF • TVI & Tissue Tracking • TSI • QA • Smart Depth • LVO Contrast • IMT* • B-Flow / BFI • TEE Probe Interface Module • ICE probe interface module • Ob/Gyn Application Module*

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			<ul style="list-style-type: none"> • External Respiration Interface • DVD/CD R/W Drive • DICOM Network Connectivity • MPEGVue • eVue • Virtual Printer • WLAN Option • CardioLab Support • Carto Interface <p>* Only available with the Vascular Application option</p>
2	1		<p>Vivid i/q BT12 USA Regional Language Kit</p> <p>The Vivid i/q BT'12 USA Regional Language Kit</p>
3	1		<p>DICOM Network Connectivity</p> <p>DICOM Network Connectivity provides DICOM output to a DICOM server and Dicom Media Interchange. Includes Verification AE, Image Export AE (network storage), Modality Worklist AE, Media Creator, Storage Commitment, Performed Procedure Step, and DICOM Print.</p>
4	1		<p>Vivid i BT12 Vascular Application Upgrade</p> <p>Needed to run Linear and Convex probes</p>
5	1		<p>ComfortScan 3Sc-RS (Sector Probe 3Sc-RS)</p> <p>This wide-band multi-frequency Phased Array probe with bandwidth between 1.3 and 4.0 MHz supports the following main applications: cardiac, pediatric heart, coronary, fetal heart, adult cephalic, abdominal and renal. It provides a 18*24 mm footprint and a 90-degree field.</p>
6	1		<p>12L-RS Linear Array Transducer</p> <p>Multi-Frequency transducer with bandwidth between 5 and 13 MHz. Applications include: Small Parts, Peripherals, Vascular, Pediatric and Orthopedic Applications. FOV 38.4mm.</p>
7	1		<p>Safelock Cart (safe lock included)</p>

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			Compact cart with adjustable height, easily transportable. A one-click docking mechanism secures the system in place with both mechanical and electrical docking. No other cables to attach. System handle serves as an armrest during use for comfort and ergonomics. Includes a plastic basket, pencil probe holder, safe lock and a rear cable hanger.
8	1		English Cart regional support kit (USA-110V) Power Supply (USA - 110V)
9	1		ICEcord-RS SwiftLink™ ICE probe catheter connector, designed exclusively for use with the AcuNav 10F ICE probe on the Vivid i/q. Requires H45021YR ICE probe interface module.
10	1		Carto™ XP/Carto™ 3 EP Interface with Isolated VGA Splitter The system can interface with the Carto™ XP and the Carto™ 3 EP navigation system and the SoundStar™ 3D ultrasound Catheter, manufactured by Biosense Webster*. - The interface will allow the Vivid i or Vivid q system to send images to the Carto™ XP and the Carto™ 3 EP system over a VGA video cable - The Vivid i and Vivid q is able to send ultrasound scaling parameters to the Carto™ XP and the Carto™ 3 EP system via a peer-to-peer LAN connection - The Isolated VGA Splitter is included in this option. With the Isolated VGA Splitter in place, the Vivid i and Vivid q can be interfaced in parallel to the Carto™ XP or the Carto™ 3 and to the CardioLab™ or ComboLab™, allowing the operator to use both systems during the same patient's examination. *Registered, U.S. Patent and Trademark Office
11	1		ICE Probe Interface Module ICE Probe interface module required to use the AcuNav 10F ICE probe with the Vivid i/q
12	1		ICE User Manual ICE User Manual - English