

SUPPLY WAREHOUSE B30003  
V.A. Medical Center  
BUILDING 36  
79 MIDDLEVILLE RD  
NORTHPORT, NY 11768

Po# 632-B30003

Item No. QTY

DESCRIPTION

**Vivid E9 17 inch 4D BT12**

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Vivid E9 100-230V "4D Expert": Leadership Cardiovascular Console with Accelerated Volume Architecture.

**Product Description**

GE Vivid E9 ultrasound system is a general-purpose ultrasound system, specialized for use in cardiac imaging. It is intended for use by, or under the direction of a qualified physician for ultrasound imaging and analysis of Fetal; Abdominal (including renal and GYN); Pediatric; Small Organ (breast, testes, thyroid); Neonatal Cephalic; Adult Cephalic; Cardiac (adult and pediatric); Peripheral Vascular (PV); Musculo-skeletal Conventional; Urology (including prostate), Transesophageal; and Intraoperative (abdominal, thoracic, St vascular).

**System Architecture**

Accelerated Volume Architecture GE's exclusive, patented, beam forming technology provides eight times the computational power of traditional ultrasound systems like Vivid 7 with twice the volume for full volume single beat 4D acquisition. Using both coherent and harmonic image processing, the system provides computational power, ease of imaging, workflow flexibility and product upgrade-ability. The Vivid E9 excels in the following areas:

Exceptional Image Quality is created through the use of Accelerated Volume Architecture, Ultra Definition Clarity, Ultra Definition Speckle Reduce and advanced D-Series transducers.

Ease of Use features make the Vivid E9 one of the most productive cardiovascular ultrasound systems - including Single Beat 4D, 4D Views, 4D Stress Echo, 4D Auto LVQ, 4D Strain, 4D LV Mass, FlexiSlice, 2 Click Crop, FlexiZoom, Biplane Prepare, Scan Assist and Scan Assist Pro.

Ergonomics include highly portable user adaptable design with electronic adjustable height and keyboard, articulating LCD arm and lightweight transducers combining to make it one of the most ergonomic cardiovascular ultrasound systems available. True Scan Raw Data is GE's innovative technology that allows for advanced processing on archived images by applying many of the same scan controls and advanced quantitative tools available during the original exam.

Standard Configuration includes:

- 4D single/dual/multi beat-Flexi-Volumes
- Biplane
- Triplane
- 5-slice/7-slice/9-slice/6-slice/12-slice

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	<ul style="list-style-type: none"> <li>• 4D Color</li> <li>• Depth Color Render</li> <li>• Stereo Vision</li> <li>• Easy 4D (Auto LVQ/4D Views/4D Stress)</li> <li>• Advanced 4D User Package Auto Align/Measure on Render/Dynamic Crop/ Dynamic 9-slice/Live 9-slice</li> <li>* 4D workflow package: QuickRotate / 2-Click Crop / FlexiSlice / Laser Lines / Biplane Prepare / FlexiZoom</li> <li>• Scan Assist (4D stress/2D stress/CRT protocols)</li> <li>• Scan Assist Pro (protocol driven exams)</li> <li>• UD Imaging</li> <li>• CPI</li> <li>• AMM/Curved AMM</li> <li>• TVI/Tissue Tracking</li> <li>• ATO</li> <li>• ASO</li> <li>* CTO</li> <li>• Compound</li> <li>• Extended Field of View (LogiqView)</li> <li>• Q-Analysis: Qstress/ QTVI/QContrast</li> <li>• Advanced Vascular (BTI/BFI/Speckle Reduce)</li> <li>• eVUE/MPEGVue</li> <li>* Z Scores for pediatrics</li> <li>• Integrated DVD/CD-R</li> <li>• Dicom Media</li> <li>• Dicom SR (Cardiac,/Vascular)</li> <li>• Heart Failure Report</li> <li>• DICOM Connectivity Pack (Modality Worklist/Print/Storage)</li> <li>• EchoPAC/Patient Archive Report Designer/Statement Engine/Normal Values/E-Sign-off communication</li> </ul>

Item No.	QTY	CATALOG	DESCRIPTION
			Options: * LVO Contrast * Vascular Contrast * 2D Stress * AFI Productivity Package (AFI, Triplane AFI, AFI w/TEE) *2D Auto EF * IMT * Rodent * LV Mass Only * 4D Strain and LV Mass * Advanced QScan / Advanced QScan (Japan) *4V Enable System includes three days onsite applications training.
2	1		Vivid E9 User manual English Vivid E9 User manual English
3	1		M5S-D Active Matrix Single Crystal Phased Array Sector Probe Multi-frequency, wide-band, active matrix single crystal phased array probe with bandwidth between 1.5 - 4.5 MHz. Supports the following applications: Cardiac, Pediatric, Abdomen, Fetal Heart, Transcranial, Coronary, Stress, LVO Contrast. Provides a 17 x 28 mm footprint, 30 cm depth of field and a 120-degree field of view.
4	1		6VT-D 6VT-D is a wide band multi-frequency active matrix volume imaging transesophageal phased array probe with a bandwidth between 3.0 and 8 MHz, a 90-degree field of view and 20 cm depth of field. The distal probe tip with a dimension of 12.7 x 14.3 mm and a length of 40 mm allows excellent imaging for cardiac diagnosis and intervention control with a small handle diameter for comfort and ergonomics. Rubber wheels provide an easy grip, especially in slippery conditions. Three user configurable on-handle push buttons for e.g. convenient plane rotation, image store and freeze functionality.
5	1		9L-D Linear Transducer Broad-spectrum linear transducer. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.
6	1		ML6-15-D Matrix Linear Array Transducer

Item No. QTY		DESCRIPTION
		Matrix array broad-spectrum linear transducer. Applications include: small parts, vascular, pediatrics, neonatal, breast, thyroid, scrotal. Biopsy kit available.
7	1	P2D 2 MHz CW Pencil Probe 2MHz non-imaging pencil probe for CW Doppler examinations of cardiac flow. Non-imaging. Requires CW option for LOGIQ products.
8	1	IMT (Intima Media Thickness) The Intima Media Thickness (IMT) measurement option offers: <ul style="list-style-type: none"> <li>Automated measurement of IMT rather than the conventional way of measuring the IMT manually</li> <li>Results representative of a region rather than a single point of a vessel wall</li> <li>Reduction of examination time by providing a quick and easy procedure in measuring the IMT</li> </ul>
9	1	VIVID E9 ADVANCED BUNDLE The Vivid E9 Advanced Bundle option includes: Advanced Qscan Imaging SmartStress 2D Auto EF AFI Productivity Package LVO-Contrast 4D Strain 4D LV Mass.
10	1	Black and White Printer Digital Black and White Video Printer. A6 Small Format Page. PAL and NTSC.
11	1	Digital Video Stream Recorder Cables and card added to an additional integrated DVD-R multi drive player to activate digital recording of streaming video.
12	1	4D Volume Phased Array Transducer with Enable Option Active Matrix 4D volume phased array volume transducer. Applications: Cardiac, LVO contrast, fetal heart, stress (1.5 - 4.0 MHz) with the 4V enable option included.
13	1	Adult TEE Scanhead Protection

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		Scanhead protection for the Adult TEE probe, 6T
14	10	<p>TEE Clip-on Bite Guard for Adults</p> <p>TEE clip-on bite guard for adults. Supports adult TEE investigations and can easily be connected over instruments after it has been placed in the esophagus. U-formed, semi hard, oral bite block, which gives protection for teeth and instruments. Made of a special latexfree plastic mixture to give patients an extra soft feeling. The longer wings should be placed outside the mouth.</p>
15	1	<p>TEE Probe Bite Hole Indicator</p> <p>Bite hole indicator for TEE transducers. Easy test procedure, enables TEE probe testing before each use. Works with all GE TEE probes. High bite hole detection confidence (99.9%). Battery operated self-test function helps ensure proper setup.</p>
16	1	<p>Stereo Glasses for 3D visualization</p> <p>A kit for 3D stereo visualization that consists of 4 pair of stereo glasses, 1 casing for stereo glasses, and 1 pair of clip-on stereo glasses (to clip-on your regular glasses). This kit is only relevant with the 4D Analysis option enabled.</p>
17	1	<p>ECG Cable Set</p> <p>ECG cable set which allows connection of external ECG machine output signal with either a 9-pin Dsub, BNC, RCA, 3.5mm Jack or 6.3mm Jack plug with the ECG input of LOGIQ P6, Vivid 7 (or Vivid Five). Must be ordered with ECG Kit (treadmill connection) or ECG Kit for ECG hardware.</p>
18	1	<p>USB Foot Switch-3 Buttons</p> <p>The USB foot switch with 3 buttons.</p>
19	1	<p>USB Memory Key 8GB</p> <p>USB memory key for exporting individual images or clips. 8GB capacity.</p>
20	1	<p>Specialty Probes User Manual</p> <p>Specialty probes user manual (hardcopy)</p>
	1	<p>EchoPAC SW Only BT12 AM</p> <p>EchoPAC <b>SW Only BT12 AM UPGRADE</b></p>
21	1	Vivid BT12 Raw Data Module.

Item No.	QTY	DESCRIPTION
		Module to be installed on the Image Vault providing compatibility with the BT12 Vivid Raw Data structure. This must be installed on the IV for compatibility with BT12 Vivid E9. It may be installed on any version of the IV 5.x even in sites where there is no BT12 E9 scanners.
		EchoPAC PC BT12 Turnkey Upgrade from BT'09/BT'11
22	2	EchoPAC PC BT12 Software upgrade for existing BT'09 or BT'11- EchoPAC Turnkey Systems Only. Including new license keys and user manuals and installation manuals on CD. Not to be used for upgrading EchoPAC Software Only systems.
		EchoPAC PC BT12 Software Upgrade from BT'09 or BT'11 SWO systems
23	1	EchoPAC PC BT12 Software upgrade for existing BT'11 or BT'09 - EchoPAC Software Only Systems. Including new license keys and user manuals and installation manuals on CD. Not to be used for upgrading EchoPAC Turnkey systems.
		Memory Upgrade for HP xw4200 and xw4300
24	2	Increase amount of RAM from 512 Mb to 1 Gb for existing customers using the xw4200 or xw4300 PC model. This upgrade is required for proper operation of (4D LV Volume) and (4D RV Volume). This upgrade could be of interest to any customers interested in increasing RAM memory on the xw4200 or the xw4300 PC.
		EchoPAC PC BT12 Trial Assembly (software start kit)
		EchoPAC BT12 software start kit contains a CD for sw installation, CD with user manual, hardware license key (USB dangle) and mouse-pad.
25	1	Mitral Valve Assessment
		Tomtec software plug-in for Mitral Valve quantification derived from the volume ultrasound data of the Vivid Scanner. The semi-automatic surface detecting algorithm is optimized for clinical users to get fast, reproducible and accurate 4D visualization of the Mitral Valve. Only for 4D TEE datasets.
26	3	4D RV Volume
		4D volume and ejection fraction tool for Right Ventricle from TomTec, customized for GE users. Has capabilities for including the results, both alpha-numeric values and screen captures, as part of the patient exam.
27	3	Requires 4D Analysis Package. Please note 2 Gb of RAM is a requirement. Tailored for GE customers and manufactured by Tomtec under name 4D-RV-Function.
28	3	EchoPAC Advanced Bundle

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		This is a bundle of the 4 options; Advanced 4D Package, AFI Package, Advanced Qscan Imaging and Auto 2D EF, provided for ease of quoting/ordering purposes.
29	1	EchoPAC PC User manual English EchoPAC PC User manual English