

Item No. QTY		DESCRIPTION
1	1	<p>Vivid E9 100-230V "4D Expert": Leadership Cardiovascular Console with Accelerated Volume Architecture.</p> <p>Product Description</p> <p>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, &amp; vascular).</p> <p>System Architecture</p> <p>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:</p> <p>Exceptional Image Quality is created through the use of Accelerated Volume Architecture, Ultra Definition Clarity, Ultra Definition Speckle Reduce and</p>

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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
- 4D Color
- Depth Color Render
- Stereo Vision
- Easy 4D (Auto LVQ/4D Views/4D Stress)
- Advanced 4D User Package
  - Auto Align/Measure on Render/Dynamic Crop/
    - Dynamic 9-slice/Live 9-slice

\* 4D workflow package:  
QuickRotate / 2-Click Crop / FlexiSlice /

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	<p>Laser Lines / Biplane Prepare / FlexiZoom</p> <ul style="list-style-type: none"> <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> <p>Options:</p> <ul style="list-style-type: none"> <li>* LVO Contrast</li> <li>* Vascular Contrast</li> <li>* 2D Stress</li> </ul>

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		<p>*AFI Productivity Package (AFI, Triplane AFI, AFI w/TEE)</p> <p>*2D Auto EF</p> <p>* IMT</p> <p>* Rodent</p> <p>* LV Mass Only</p> <p>* 4D Strain and LV Mass</p> <p>* Advanced QScan / Advanced QScan (Japan)</p> <p>*4V Enable</p> <p>System includes three days onsite applications training.</p>
2	1	<p>Vivid E9 User manual English</p> <p>Vivid E9 User manual English</p>
3	1	<p>4V-D Volume Phased Array Transducer</p> <p>Active matrix 4D volume phased array transducer- Applications: Cardiac, LVO contrast, fetal heart, stress (1.5-4.0 Mhz).</p>
4	1	<p>M5S-D Active Matrix Single Crystal Phased Array Sector Probe</p> <p>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.</p>
5	1	<p>6VT-D</p> <p>6VT-D is a wide band multi-frequency active matrix volume imaging transesophageal phased array probe with a bandwidth between 3.0 and 8</p>

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		<p>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.</p>
6	1	<p>9L-D Linear Transducer</p> <p>Broad-spectrum linear transducer. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.</p>
7	1	<p>4C-D 2-4 MHz Convex</p> <p>Convex Transducer for Abdomen, OB GYN, Urology and Vascular Applications. Multi-Frequency 1.5-4.6 MHz. FOV 58 degree. Footprint 60 x 13mm.</p>
8	1	<p>P2D 2 MHz CW Pencil Probe</p> <p>2MHz non-imaging pencil probe for CW Doppler examinations of cardiac flow. Non-imaging. Requires CW option for LOGIQ products.</p>
9	1	<p>4V-D Probe Enable</p> <p>Enables the operation of the 4V-D Volume Phased Array Transducer on a Vivid E9 4D system.</p>
10	1	<p>VIVID E9 ADVANCED BUNDLE</p> <p>The Vivid E9 Advanced Bundle option</p>

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		<p>includes:</p> <p>Advanced Qscan</p> <p>Imaging SmartStress</p> <p>2D Auto EF</p> <p>AFI Productivity Package</p> <p>LVO-Contrast</p> <p>4D Strain</p> <p>4D LV Mass.</p>
11	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>
12	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>
13	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>
14	1	<p>USB Foot Switch-3 Buttons</p> <p>The USB foot switch with 3 buttons.</p>

## OPTIONS

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15	1	<b>Vivid E9 4D BT12 System with 4D TEE</b> 113L Probe  Wide-band, multi-frequency linear array transducer with a bandwidth between 5.8 and 14.0 MHz. Specifically designed for epicardial and epiaortic use.
16	1	TEE Cleaning and Storage System  For storage and automated cleaning of Adult and Pediatric TEE probes, wall mounted unit. Compact wall mounted solution for 4 stages: 1.Enzymatic cleaning 2.Disinfection  3.Testing 4.Drying Integrated and easy to use puncture testing