

SHIP TO: SUPPLY WAREHOUSE

V.A. Medical Center

BUILDING 36

79 MIDDLEVILLE RD

NORTHPORT, NY 11768

THIS IS FOR TWO SYSTEMS

Item No.	QTY	DESCRIPTION
1	2	<p data-bbox="521 422 1040 447">Vivid" E95 4D v202 Leadership CV U/S scanner</p> <p data-bbox="521 474 1463 573">The Vivid* E95 combines the proven breadth and performance of the Vivid product line with a new and innovative software based image processing platform: cSound*. The Vivid E95 is GE cardiovascular ultrasound's leadership scanner.</p> <p data-bbox="521 590 1479 793">The system is designed to excel in adult 2D and 4D cardiac imaging, as well as in the following clinical application areas: pediatric cardiac, fetal, obstetrics, abdominal (incl. renal, GYN, Pelvic), pediatrics, small organ (incl. breasts, testes and thyroid), adult and neonatal cephalic, peripheral vascular, musculoskeletal conventional, urology, prostate, transesophageal, transrectal, transvaginal and intraoperative (incl. vascular, thoracic, cardiac and abdominal).</p> <p data-bbox="521 821 1227 846">The Vivid E95 4D Leadership Console Package is delivered with:</p> <ul data-bbox="521 863 1393 1056" style="list-style-type: none"> - The Vivid E95 4D Leadership console - A 22-inch-high resolution wide screen OLED monitor for excellent spatial and dynamic resolution. - The USA language kit. - 3 (three) days of on-site applications training <p data-bbox="521 1073 751 1098">System Architecture</p> <p data-bbox="521 1115 1479 1402">GE's exclusive, programmable and flexible beamforming technology, cSound, provides exceptional image quality and power compared to conventional GE hardware-based beamforming technology. In 2D, cSound offers true confocal imaging without the limitation of focal zones or sacrifice of frame rate and spatial resolution. In 4D, cSound delivers high spatial resolution at large volume sizes in full volume single beat and multi beat 4D acquisition. Using both coherent and harmonic image processing, the system provides computational power, ease of imaging, workflow flexibility and product upgradeability.</p> <p data-bbox="521 1409 1146 1434">The Vivid E95 is designed to excel in the following areas:</p> <p data-bbox="521 1451 1471 1549">Exceptional image quality is created through the use of True Confocal Imaging. True Confocal Imaging is enabled by the cSound platform taking advantage of advanced software-based image reconstruction and innovative graphics computer technology.</p> <p data-bbox="521 1556 1414 1696">The Vivid E95 combines Ultra Definition Clarity filtering, HD Imaging (excellent resolution, penetration and image uniformity), Adaptive Contrast Enhancement (ACE) and virtual apex (larger field of view) to deliver a new level of image quality in GE cardiovascular ultrasound.</p> <p data-bbox="521 1713 724 1738">Probe technology</p> <p data-bbox="521 1755 1479 1829">The XDclear* series of probes are designed to help deliver powerful and efficient sound waves, with high bandwidth and efficiency. XDclear probe technology provides</p>

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	<p>impressive deep penetration and high sensitivity while maintaining high spatial resolution. The combination of Single Crystal, Acoustic Amplifier and Cool Stack technologies is the core technology of the XDclear series of probes.</p> <p>Ease of Use features make Vivid E95 a productive 4D and 2D cardiovascular ultrasound system. Ease of use in 4D imaging is accomplished with a number of GEHC exclusive innovations, including Single Beat 4D, 4D Views, Advanced 4D User Toolbox, Advanced 4D User Quantification Package, 4D Stress Echo, 4D Auto LVQ including 4D Strain and 4D Auto AVQ.</p> <p>Ease of use for the operator in 2D imaging is provided by the cSound technology delivering auto optimized excellent image quality with minimal manipulation along with automated tools like 2D Auto EF, AFI Productivity Package, AFI Stress, Scan Assist Pro and Cardiac Auto Doppler.</p> <p>Ergonomic features include a highly portable design with electronically adjustable height and keyboard, articulating monitor arm (horizontal and vertical), and lightweight transducers combining to make the Vivid E95 an ergonomic-friendly cardiovascular ultrasound system.</p> <p>The cSound platform takes GE's Raw Data to a new level. For image processing and reconstruction, the Vivid E95 utilizes more than 100 times the data compared to its predecessor.</p> <p>Additionally, the Vivid E95 uses an innovative data format technology that allows for advanced processing on archived images by applying many of the same scan controls and advanced quantitative tools as are available during the original exam.</p> <p>The following standard configuration items are included in the Vivid E95 4D Leadership Console Package:</p> <ul style="list-style-type: none"> - Vivid E95 4D Leadership Console - 22 inch wide screen OLED monitor - USA language Kit - 3 (three) days of on-site application training (see additional description below) - 4D single, dual, multi beat-Flexi-Volumes - Biplane - Triplane - 5-slice, 7-slice, 9-slice, 12-slice - 4D Color - Depth Color Render with multiple maps - Stereo Vision - Easy 4D (Auto LVQ, 4D Views, 4D Stress)

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		<ul style="list-style-type: none"> - 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, Laser Lines, Biplane Prepare, FlexiZoom, FlexiViews - Scan Assist (4D stress, 2D stress, CRT protocols) - Scan Assist Pro (protocol driven exams) - UD Clarity - 4D Clarity - HD Imaging - CPI - AMM, Curved AMM - TVI, Tissue Tracking - Auto Optimization (2D) - ASO - Compound - True Confocal Imaging - Virtual apex imaging - Adaptive Contrast Enhancement (ACE) - Extended Field of View (LOGIQView) - Q-Analysis: Qstress, QTVI, QContrast - Advanced Vascular (BTI, BFI, Speckle Reduce) - Z Scores for pediatrics - DICOM** Media (embedded viewer requires optional purchase) - DICOM SR (Cardiac, Vascular, Pediatrics) - Heart Failure Report - DICOM Connectivity Package (Modality Worklist, Print, Storage) - EchoPAC*, Patient Archive - Report Designer, Statement Engine, Normal Values, E-Sign-off , Communication - Configurable prospective, retrospective capture - LVO Contrast

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		<ul style="list-style-type: none"> - Quick Apps - Virtual Convex - Cardiac Auto Doppler - Enhanced security features (Disk Encryption, LDAP) <p>Applications Training: (included with the Vivid* E95 4D Leadership Console Package):</p> <p>The Vivid* E95 4D Leadership Console Package includes three (3) days of On-site Applications Training. The On-site Applications Training must be completed within six (6) months after Product delivery, otherwise GE Healthcare's obligation to provide the training will expire without refund.</p> <p>Additional On-site Applications Training days are available for purchase. Customer workflow permitting and abiding by SDMS criteria, sonographer install CE's may be provided during install training.</p> <p>The following options can be purchased for the Vivid* E95 4D Leadership Console Package</p> <ul style="list-style-type: none"> - Additional On-Site Application Training days - Vascular Contrast (optional purchase) - PolarVision, Polarized Stereo Vision for use with Sony*** 3D monitor (optional purchase) - Stress (optional purchase) - AFI Productivity Package (AFI, Triplane AFI, - AFI with TEE, Peak Strain Dispersion) (optional purchase) - 2D Auto EF (optional purchase) - Myocardial Work (optional purchase) - IMT (optional purchase) - Rodent (optional purchase) - LV Mass Only (optional purchase) - 4D Strain and LV Mass (optional purchase) - Advanced QScan (optional purchase) - 4V Enable (optional purchase) - 4D Auto MVQ (optional purchase) - 4D Auto RVQ (optional purchase) - 4D Auto AVQ for aortic annulus quantification (optional purchase) - HDlive* for photo realistic visualization (optional purchase) - AFI Stress (optional purchase) - Blood Speckle Imaging (optional purchase)

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		<ul style="list-style-type: none"> - Embedded DICOM viewer on media (optional purchase) - DVD, CD-R drive (optional purchase) - View-X (optional purchase) <p>*Vivid, XDclear, cSound, HDlive and EchoPAC are trademarks of General Electric Company or one of its subsidiaries</p> <p>**DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.</p> <p>***Third party trademarks are the property of their respective owners</p> <p>Sony is the registered trademark of Sony Corporation.</p>
2	2	<p>M5Sc-D XDclear* Matrix Phased Array Probe</p> <p>M5Sc-D Matrix Phased Array probe with GE's highest performing XDclear transducer technology, an innovative combination of advanced materials and acoustic design providing ultra-wide bandwidth and superb image quality. Applications vary depending on the ultrasound system and may include Cardiac, Pediatrics, Fetal Heart, Abdominal, Coronary, Transcranial, Contrast, and Stress Echo. Datasheets for specific ultrasound systems contain additional details including specific applications, biopsy availability, and additional probe technical specifications.</p> <p>*Trademark of General Electric Company</p>
3	2	<p>4Vc-D Probe with XClear* and Enable</p> <p>This kit contains:</p> <p>Qty 1: 4Vc-D Probe with XDclear*</p> <p>Qty 1: 4Vc-D Enable</p> <p>4Vc-D Probe with XDclear* is an Electronic Real Time 4D phased array probe with GE's proprietary XDclear technology, an innovative combination of advanced materials and acoustic design. This probe provides ultra-wide bandwidth and superb image quality in a lightweight and ergonomic package. It supports all cardiac ultrasound modes, including 4D imaging. Preferred applications may vary depending on the scanner running the probe, and may include Cardiac, Pediatrics, Fetal Heart, Abdominal, Coronary, Transcranial, Contrast, and Stress Echo. Datasheets for specific ultrasound systems contain additional details including specific applications and additional probe technical specifications.</p> <p>The 4Vc-D Enable option enables image acquisition with the 4Vc-D probe on the Vivid* E95 and Vivid E90 with the 4D option installed. The 4Vc Enable requires console to be at v202 R2.1 or above software level.</p> <p>*Trademark of General Electric company.</p>

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4	2	<p>6VT-D 4D Transesophageal (TEE) Probe</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 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> <p>6VT-D 4D Transesophageal (TEE) probe includes one day of On-site Applications Training. The On-site Applications Training must be completed within six (6) months after Product delivery, otherwise GE Healthcare's obligation to provide the training will expire without refund. Additional On-site Applications Training days are available for purchase. Customer workflow permitting and abiding by SDMS criteria, sonographer install CE's may be provided during install training.</p> <p>*Trademark of General Electric Company. **Third party trademarks are the property of their respective owners.</p>
5	20	<p>Adult TEE Scanhead Protection</p> <p>Scanhead protection for the Adult TEE probe, 6T</p>
6	20	<p>Bite Guard - for Adult Use</p> <p>TEE Bite Guard - Conventional for Adults Conventional Bite Guard Supporting Adult TEE Investigation. It is a Keyhole Type, Semi Hard, Oral Bite Block, Which Gives Protection for Teeth and Instruments. This Bite Guard is Made of a Special Latexfree Plastic Mixture to Give Patients an Extra Soft Feeling. In Awake and Polyclinic Patients We Recommend This Solid Grey Bite Guard with Longer Wings. The Wings Should be Placed Outside the Mouth.</p>
7	2	<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>
8	2	<p>Specialty Probes User Manual</p> <p>Specialty probes user manual (hardcopy)</p>
9	2	<p>P2D 2 MHz CW Pencil Probe</p>

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		2MHz non-imaging pencil probe for CW Doppler examinations of cardiac flow. Non-imaging. Requires CW option.
10	2	<p>AFI Productivity Package</p> <p>Includes Automated Function Imaging, AFI for TEE, and Triplane AFI if the 4D option or system is also purchased.</p>
11	2	<p>4D Automated AV Quantification</p> <p>Automated alignment, segmentation and measurement of aortic valve annulus dimensions from volumetric data, including area and circumference. Results stored in worksheet.</p>
12	2	<p>High Definition 4D visualization</p> <p>The HDlive* option provides enhanced visualization of 3D cardiovascular anatomy through use of advanced shadowing, reflection and shading algorithms in combination with advanced depth rendering techniques. HDlive operates during live acquisition and replay modes with selectable color maps.</p> <p>*HDLive is a trademark of General Electric Company or one of its subsidiaries.</p>
13	2	<p>AFI analysis combined with stress echo wall motion scoring</p> <p>The AFI Stress option provides dedicated stress analysis protocol templates combining conventional stress echo assessment with Automated Function Imaging (AFI) analysis. (AFI is GEHC's automated speckle tracking strain). At each stress level one can perform AFI analysis in order to obtain objective quantification of longitudinal contraction (strain) throughout systole. The end result displays conventional wall motion score (WMS) in bullseye form as well as AFI bullseyes from multiple stress levels.</p>
14	2	<p>DICOM* viewer for media (USB, CD DVD)</p> <p>This option provides the ability to include a DICOM* viewer when exporting DICOM images to an external storage media (USB, DVD). The DICOM viewer facilitates viewing the DICOM images stored on the external media on destination computers.</p> <p>*DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.</p> <p>Third party trademarks are the property of their respective owners</p>
15	2	<p>Vivid E95 Advanced Bundle</p> <p>The Vivid* E95 Advanced Bundle option includes the following software options: Advanced Qscan</p>

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		<p>Stress</p> <p>2D Auto EF</p> <p>AFI Productivity Package</p> <p>4D Strain and 4D LV Mass.</p> <p>*Vivid is a trademark of General Electric Company or one of its subsidiaries.</p>
16	2	<p>4D Auto MVQ</p> <p>The 4D Auto MVQ option provides a mitral valve quantification tool. The 4D Auto MVQ tool utilizes volume ultrasound data of the Vivid scanner, acquired with TTE or TEE probes. The semi-automatic surface detecting algorithm helps clinical users get fast, reproducible and accurate 4D visualization and quantification of the Mitral Valve.</p>
17	2	<p>4D Auto RVQ</p> <p>The 4D Auto RVQ option provides a right ventricle quantification tool. The 4D Auto RVQ tool utilizes volume ultrasound data of the Vivid scanner, acquired with TTE or TEE probes. The semi-automatic surface detecting algorithm helps clinical users get fast, reproducible and accurate 4D visualization and quantification of the right ventricle.</p>
18	2	<p>Blood Speckle Imaging (BSI)</p> <p>Blood Speckle Imaging (BSI) offers a new way of visualizing blood flow, using a speckle tracking algorithm to avoid the aliasing experienced with regular color flow. The trajectories of the blood cells are displayed in an attempt to enhance visualization of complex flow patterns.</p>
19	2	<p>Myocardial Work</p> <p>Myocardial Work adjusts the AFI (strain) results using the systolic and diastolic blood pressure measured immediately prior to the echo exam. Using the Myocardial Work feature helps achieve a less load dependent strain/ pressure curve and work efficiency index.</p>
20	2	<p>Vmax Option</p> <p>The Vmax option enables high volume rate imaging with the 6VT-D probe combined with high 4D image quality. This option is valid for Vivid* E95 at the v202 R2.1 or above software level.</p> <p>*Trademark of General Electric company.</p>
21	2	<p>Vivid E90, E95 DVD Option</p> <p>The Vivid E95, E90 DVD option kit includes the DVD drive (hardware) for installation on</p>

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		the Vivid E90, E95.
22	2	Wireless USB adapter Wireless external G type USB adapter with extension cable and hardware for mounting on the rear panel.
23	2	Stress Cable Set 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.
24	2	Black and White Printer Digital Black and White Video Printer. A6 Small Format Page. PAL and NTSC.
25	2	USB Foot Switch-3 Buttons This is a three pedal footswitch with configurable button functionality at application level, providing the user with flexibility during procedures like stress echo requiring additional hand support.

VE9007370 TRADE

1. GE, Model # -VIVID E9, SN# -VE9007370
2. ESAOTE North America, Model # - MY LAB 30 Gold, SN# - 01536

OPTIONS

Item No.	QTY	DESCRIPTION
26	1	<p>Vivid E9 Technology Course: Full Service Package</p> <p>Product-specific training Training conducted at GE Healthcare Institute All inclusive pricing package</p> <p>This 2.5-day course is designed to help customers realize the full potential of their technology investment. Instruction includes: in-depth technology review, image optimization and system customization. Highlights include technical and clinical lectures as well as focused hands-on scanning under the supervision of product experts. Course must be redeemed within one year of purchase.</p> <p>Full service package includes: Course tuition, airfare, hotel and breakfast/lunch while in training for one attendee. This course is approved for SDMS credit.</p>
