Item No.	QTY	CATALOG	DESCRIPTION	List Price	Ext Sell Price
	1		**Vivid E95**		
1	1	H45581NG	Vivid* E95 4D Leadership Console Package		

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 cardiovascular ultrasound's leadership scanner.

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).

The Vivid E95 4D Leadership Console Package is delivered with:

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 System Architecture

exclusive, programmable and flexible beamforming technology, cSound, provides exceptional image quality and power compared to conventional   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.

The Vivid E95 is designed to excel in the following areas:

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. 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   cardiovascular ultrasound.

Probe technology

The XDclear* series of probes are designed to help deliver powerful and efficient sound waves, with high bandwidth and efficiency. XDclear probe technology provides 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.

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.

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 and Scan Assist Pro.

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.

The cSound platform takes   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. 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.

The following standard configuration items are included in the Vivid E95 4D Leadership Console Package:

 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)

 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

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)

eVUE, MPegVue

Z Scores for pediatrics

DICOM** Media (embedded viewer requires optional purchase)

DICOM SR (Cardiac, Vascular)

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

Applications Training: (included with the Vivid* E95 4D Leadership Console Package):

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. 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.

The following options can be purchased for the Vivid* E95 4D Leadership Console Package

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)

IMT (optional purchase)

Rodent (optional purchase)

LV Mass Only (optional purchase)

4D Strain and LV Mass (optional purchase)

Advanced QScan (optional purchase)

MV Assessment (Tomtec***) (optional purchase)

4V Enable (optional purchase)

4D Auto AVQ for aortic annulus quantification (optional purchase)

HDlive* for photo realistic visualization (optional purchase)

AFI Stress (optional purchase)

RV Volume (Tomtec) (optional purchase)

Embedded DICOM viewer on media (optional purchase)

Item No.	QTY	CATALOG	DESCRIPTION	List Price	Ext Sell Price
			DVD, CD-R drive (optional purchase) *Vivid, XDclear, cSound, HDlive and EchoPAC are trademarks of General Electric Company or one of its subsidiaries **DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information. ***Third party trademarks are the property of their respective owners Sony is the registered trademark of Sony Corporation. TomTec is the registered trademark of TomTec Imaging Systems		
2	1	H45581NB	Vivid E90, E95 DVD Option		
			The Vivid E95, E90 DVD option kit includes the DVD drive (hardware) for installation on the Vivid E90, E95.		
3	1	H40442LM	9L-D Linear Probe		
			Broad-spectrum linear probe. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.		
4	1	H44901AE	M5Sc-D XDclear* Transducer		
			XDclear is highest performing transducer technology which is an innovative combination of advanced materials and innovative acoustic design. This phased array cardiac transducer merges matrix array with XDclear technology and provides ultra-wide bandwidth and superb image quality. Preferred applications may vary depending on the scanner running the probe, and may include cardiac, pediatrics, fetal heart, abdominal, coronary, transcranial, contrast, stress echo. Biopsy kit available.		

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			Third party trademarks are the property of their respective owners		
5	1	H40462LN	C2-9-D XDclear Transducer		
			XDclear is highest performing transducer technology which is a proprietary combination of advanced materials and innovative acoustic design. Convex transducer with XDclear technology provides ultra-wide bandwidth and superb image quality. Applications: abdominal, obstetrics, gynecological, urology, vascular, pediatrics. Biopsy kit available.		
6	1	H4100ZZ	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.		
7	1	H4830JE	P2D 2 MHz CW Pencil Probe		
			2MHz non-imaging pencil probe for CW Doppler examinations of cardiac flow. Non-imaging. Requires CW option.		
8	1	H45581BJ	6VT-D 4D Transesphageal (TEE) probe		
			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. 6VT-D 4D Transesphageal (TEE) probe includes one		

Item No.	QTY	CATALOG	DESCRIPTION	List Price	Ext Sell Price
			day of On-site Applications Training. The On-site Applications Training must be completed within six (6) months after Product delivery, otherwise 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.		
9	1	H45531RA	Specialty Probes User Manual		
			Specialty probes user manual (hardcopy)		
10	1	H45571GY	Advanced Contrast Imaging		
			Enables contrast application facilitating low MI continuous imaging. Replenishment analysis (wash-in, wash-out) can be performed with the QAnalysis package in combination with this option		
			Note: LVO Contrast and Vascular/Abdominal contrast also enabled by this option.		
11	1	H45581CL	4D Automated AV Quantification		
			Automated alignment, segmentation and measurement of aortic valve annulus dimensions from volumetric data, including area and circumference. Results stored in worksheet.		
12	1	H45581LT	Mitral Valve Assessment and Quantification (TomTec*)		
			TomTec* software plug-in for Mitral Valve Quantification using the volume ultrasound data of the Vivid scanner. The semi-automatic surface detecting algorithm helps clinical users get fast, reproducible and		
			accurate 4D visualization and quantification of the		

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			Mitral Valve, acquired with TTE or TEE probes. *TomTec is a trademark of TomTec Imaging systems		
			Third party trademarks are the property of their respective owners		
13	1	H45571LG	English Manual 4D MV Assessment		
			English Manual 4D MV Assessment		
14	1	H45581GH	Right Ventricular Volume and Function (TomTec*)		
			Second generation 4D volume and ejection fraction tool for Right Ventricle from TomTec*, customized for Vivid products. It has capabilities for including the results, both alpha-numeric values and screen captures, as part of the patient exam. *TomTec is a trademark of TomTec Imaging Systems		
			Third party trademarks are the property of their respective owners		
15	1	H45581EH	AFI analysis combined with stress echo wall motion scoring		
			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.		
16	1	H45581WE	Vivid E95 Advanced Bundle		
			The Vivid* E95 Advanced Bundle option includes the following software options: Advanced Qscan Stress		

Item No.	QTY	CATALOG	DESCRIPTION	List Price	Ext Sell Price
			2D Auto EF		
			AFI Productivity Package		
			4D Strain and 4D LV Mass.		
17	1	H45521AL	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.		