The **GE Vivid E90** is Cardiovascular 2D ultrasound system. The Vivid E90 system comes with an imaging software Called cSound. The software offers increased performance and image quality to near field scanning, lateral wall definition, and uniformity to the Ultrasound images. With high contrast and spatial resolution, you get continuous detailed images. The ultrasound images can be enhanced, in color or clarity for a variety of applications. These include; pediatric cardiac, fetal/obstetrics, abdominal (including renal, GYN/pelvic), pediatrics, small organ, adult and neonatal cephalic, peripheral vascular, and musculoskeletal. The newer software processes the data before it is displayed on the screen, filtering out artifacts and improving the image as it appears. The GE Vivid E90 comes with a 22-inch high-resolution OLED monitor along with a 12-inch touch screen for additional controls. The system operates on a Windows 10 operating system, with silent fans to help reduce power consumption and heat dissipation. The GE Ultrasound system has four easy maneuvering swivel casters that easily lock.

Features

- cSound beamforming technology
- True Confocal imaging for TEE
- Premium image quality
- Stress Echo
- XDClear probe technology
- ACE Adaptive Contrast Enhancement
- Virtual Apex
- AFI Automated Function Imaging
- AFI Stress Automated Function imaging for Stress Echo
- 22” High Resolution OLED Monitor
- 12” LCD Adjustable Touchscreen
- Adjustable Floating Keyboard
- Data Management
- Easy mobility
- HIS Interface (HL7)
- EMR interface (HL7)

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Specifications

Dimensions	Width: 554mm, 21 3/4” Depth: 844mm, 33 1/4” Height: 1230 mm – 1670 mm, 48 3/8” – 65 3/4” (up/down mechanism + LCD arm) Weight: 126 kg, 278 lbs
Operating System	Windows® 7
Monitor	22” High Resolution Wide Screen OLED Monitor Color Doppler 12” LCD screen
Operating Modes	2D Tissue, 2D Color Flow, 2D Angio Flow, Tissue Velocity M-mode, CW Doppler, Tissue M-mode, Pulse Wave Doppler, Anatomical M-mode, Curved Anatomical M-mode, Tissue Velocity Imaging, Tissue Tracking, Tissue Velocity Doppler
Probes	M5Sc-D XDclear Active Matrix Single Crystal Phased Array Probe, 12S-D Phased Array Probe, 9L-D Linear Array Probe, 11L-D Linear Array Probe, C1-6-D XDclear Curved Array Probe (Convex), C2-9-D XDclear Curved Array Probe (Convex), 8C Micro Convex Probe, IC5-9-D Endocavity Probe, P2D Pencil Probe, P6D Pencil Probe, 6Tc TEE Probe, 6VT-D TEE probe, 9T TEE Probe
Electrical Power	Nominal input voltage: 100-240 VAC, 50/60 Hz Typical power consumption: 500 W default cardiac preset with M5Sc Rated power consumption: 700 W
Console Design	Five active probe ports ECG port Integrated HDD Multiple USB ports (front/back) Integrated DVD-R multi drive (optional) On-board storage for B/W thermal printer Integrated speakers for premium sound Integrated locking mechanism that provides rolling lock and caster swivel lock Integrated cable management Easily accessible removable air filters for cleaning Front and rear handles Side storage trays Rear storage trays/baskets Hand rest

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