



The GE Voluson E8 is a premium ultrasound system for your women's healthcare needs, including Obstetrics, Gynecology, Maternal Fetal Medicine and Assisted Reproductive Medicine. Innovations in image quality, automation, transducer technology, and image analysis help give you the extraordinary vision you need to provide excellent patient care. The Voluson E8 Expert HDlive imaging tool helps bring exceptional realism to ultrasound and the ability to explore fine details in an extraordinary way. The Voluson E-Series ultrasound systems are among the most energy efficient in the industry. That means with every image you'll be using less energy, saving money and contributing to a better environment. It's part of the GE commitment to invest in innovative solutions to environmental challenges while empowering you with advanced tools for healthcare delivery.

Features

- Up to 40 frames per second in 4D mode
- 2D/3D/4D Imaging
- "HDlive" advanced 4D ultrasound imaging
- 67,584 imaging channels
- M-Mode, M-Color Flow
- PW/CW Spectral Doppler
- Color/Power/Tissue Doppler
- HD Flow
- B-Flow
- CrossXBeam
- SRI II HD Speckle Reduction Imaging
- Coded Excitation
- Coded Harmonics
- Contrast Imaging



Specifications

Dimensions	50.8", 1290mm (h) x 22.8", 580mm (w) x 36.6", 930mm (d)
Weight	265 lbs, 120(kg)
Monitor	15" LCD Monitor High brightness with 350 cd/m ² Tilt/Rotate adjustable Monitor Tilt Angle: +10°/-90° Rotate Angle: 360° Digital brightness & contrast adjustment
Console Design	3 Active Probe ports (plus 1 non-imaging port) Integrated HD (160 GB) Integrated DVD+ R(W) / CD-R(W) drive On-board storage for peripherals Wheels - Wheel diameter 150mm Integrated locking mechanism that provides rolling lock Integrated cable management Front and rear handles
Operator Keyboard	Floating Keyboard: Rotation: adjustable+/-40° from center Height adjustable + 200mm Full-sized, backlit alphanumeric keyboard Ergonomic hard key layout Interactive back-lighting Intergrated recording keys for remote control of up to 4 Peripherals or DICOM devices
Touch Screen	10.4 in High Resolution color CD screen Interactive dyamic software menu Brightness adjustable
System Standards	State-of-the-art user inteface with high resolution 10.4inch LCD touch panel Automatic Tissue Optimization Tissue doppler Coded Harmonic Imaging Coded Excitation (CE) HD-Flow XTD SRI III (Speckle reduction Imaging) CrossXBeamCRI (Compound Resolution Imaging) Focus&Frequency composite (FFC) High resolution Zoom Pan Zoom



Specifications

System Standards (continued)

Steering
 Virtual Convex
 Beta-View
 Patient Information Database
 Image Archive on hard drive
 3D/4D data compression (lossy/Lossless)
 Inversion
 Real-time automatic Doppler calcs
 Measurement & Calculations including Worksheets/Reports for: OB, GYN, Vascular, Cardio, Abdominal, Small-Parts, Urology, Pediatrics, Ortho, Neurology
 Mutigestational calculations

Peripheral Options

Integrated printers:
 B&W thermal printers
 Color thermal printers
 DVD Recorder
 ECG Digital Module
 External Color PC desktop printer & connection kits

Electrical Power

Voltage: 100-130-220-240 Vac
 Frequency: 50/60 Hz
 Power: Max. 1000VA with on-board Peripherals
 Thermal Output: 3446 BTU/h

Operation Modes

B-Mode (2D)
 M-Mode (M)
 M-Color-Mode (MC)
 Color Flow Mode (C)
 Power Doppler Imaging (PD)
 Tissue Doppler Imaging(TD)
 HD-Flow Imaging (HD-Flow)
 PW Doppler with high PRF (PW)
 B-Flow
 Extended View (XTD View)
 Coded Contract Imaging (Contrast Media)
 Volume Mode(3D/4D):
 - 3D static
 - 4D real Time
 - VCI-A, VCI-C
 - STIC/ Color, Angio, HD-Flow, Contrast & B-Flow
 - 4 D Biopsy

