



The **GE Voluson E6** is an Ultrasound system was designed for women's health. Providing quality imaging for obstetrics and gynecology. The Voluson E6 offers quality live 4D and 3D imagery. The Voluson can produce up to 40 frames per second for a 4D, 3D, or 2D image. The system can produce images through multiple modes; M-Mode, M-color Flow, PW/CW Spectral Doppler, Tissue Doppler, HD Flow, and B-Flow. The Voluson E6 Ultrasound system comes with a 19-inch display monitor for clear images and quick diagnosing. The Ultrasound system also features a 10.4-inch touch screen control panel, for quick access to change an imaging mode and improve the quality of the image. The Voluson E6 provides high standards in volumetric imaging, capturing images on any plane without losing details in the imagery.

Features

- High Resolution Flat Panel Display 19"
- Advanced 4D
- STIC
- SonoAVC SonoAVCTMFollicle – Sono Automated Volume Count SonoVCADTMHeart
- SonoVCADTMLabor
- Advanced VCI
- Scan Assistant
- Anatomical M-Mode
- Electrical Height Adjustment Floating User Interface
- On Board Archive including Preview and Pre-selection



Specifications

Dimensions

Height: 1393 mm (54.8 in) Adjustable: +190 mm (7.48 in)

Width: 580 mm (22.8 in)

Depth: 930 mm (36.6 in)

Weight

131 kg (289 lb)

Electrical Power

Voltage: 100, 115-130, 220-240 VAC

Frequency: 50/60 Hz (+/-2%)

Power: Max. 1000 VA with on-board Peripherals

Thermal Output: 3446 BTU/h

Console Design

3 Active Probe Ports (plus 1 non-imaging port)

Integrated HDD (320 GB)

Integrated DVD+/- R(W) / CD-R(W) drive

On-board storage for Peripherals

Wheels - Wheel diameter 150 mm

Integrated locking mechanism that provides rolling lock

Integrated cable management

Front and rear handles

Electrical Power

Voltage: 100, 115-130, 220-240 VAC

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Power: Max. 1000 VA with on-board Peripherals

Thermal Output: 3446 BTU/h

Operator Keyboard

Floating Keyboard:

Rotation: adjustable +/- 40° from center Height adjustable + 200mm

Full-sized, backlit alphanumeric keyboard

Ergonomic hard key layout

Interactive back-lighting

Integrated recording keys for remote control of up to 4 Peripherals or DI-COM devices, one dedicated DVD recording key

Touch Screen

10.4 in High Resolution Color LCD screen

Interactive dynamic software menu

Brightness adjustable

Monitor

19" High Res LCD Monitor with DVI interface

Resolution SXGA 1280 x 1024 pixels

High brightness with 350 cd/m²

Tilt/Rotate Adjustable Monitor: Tilt Angle: + 10°/- 90°

Hor. rotate Angle: +/- 115°

Digital brightness & contrast adjustment. OSD, remote controlled by the system. Three default settings: Dark Room, Semi Dark Room, Bright Room

Specifications

Applications

Abdominal
 Obstetrical
 Gynaecological & Small parts
 Vascular
 Pediatric
 Ortho
 Urology
 Cardiology
 Neurology

Operating Modes

B-Mode (2D)
 M-Mode (conventional M-Mode)
 AMM (Anatomical M-Mode)
 PW-Doppler with high PRF (PW)
 CW-Doppler Imaging (CW)
 High PRF Doppler Mode
 Color Flow Doppler Mode (CFM)
 Power Doppler Mode (PD)
 HD-Flow Doppler Mode (HD-Flow)
 Tissue Doppler Mode (TD)
 B-Flow (BF)
 Contrast Agent Mode (Not available in all Countries) & M-Mode Flow Modes (M/CF, M/HD-Flow, M/TD)
 Volume Mode (3D/4D): 3D Static, 4D Real-Time, VCI-A, VCI-OmniView, STIC/Color, Angio, HD-Flow, Contrast & B-Flow, 4D Biopsy

Scanning Methods

Electronic Sector
 Electronic Convex
 Electronic Linear
 Mechanic Volume Sweep

Transducer Types

Sector Phased Array
 Convex Array
 Microconvex Array
 Linear Array
 Active Matrix Convex Array (1.25, 1.5D)
 Active Matrix Linear Array (1.25, 1.5D)
 Volume probes `4D`: Convex Array, Microconvex Array, Linear Array
 Pencil Probes (CW)

