

The **GE Vivid E** is a portable laptop-style ultrasound that can provide high quality images. The Vivid E ultrasound was designed for cardiovascular imaging. The GE ultrasound can also provide imaging for; gynecology, musculoskeletal, abdominal, and basic uses. The Vivid E is built on the TruTruScan architecture. This can use the raw data from the transducer and probes to give you exceptional images. The System can provide M-Mode, PW/CW Doppler, Color Flow, Power Doppler, ECG Module, Color M-Mode, Auto Tissue Optimization (ATO), Auto CFM Optimization (ACO), and Auto Spectrum Optimization (ASO) imaging. Vivid ultrasound's new features for Cardiac imaging include dual focus and compound imaging. This combines multiple views to create one real-time image.

Features



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Specifications

Dimensions Height: 76.7mm (3.12in)

> Depth: 327 mm (13.35 in) Width: 340mm (13.88 in) Weight aprox.: 4.6 kg (10.1 lb)

General 1024 Digital Processing Channel Technology

Variable transmit frequencies for resolution/penetration optimization

Display zoom with zoom area control

Variable Contour Filtering: for edge enhancement

Depth range up to 30 cm - probe specific

Selectable Grayscale Parameters: Gain, Reject, Frame Average and

Compress - can be adjusted in live, digital replay and image clipboard recall

256 shades of gray (VGA)

172 dB system internal dynamic range 6 TGC ports for image optimization

Display High-resolution, flat 15-inch TFT LCD screen

Display Pixel: 1024 x 768 pixels with 260 thousand simultaneous colors

available

Instant review screen displays 16 simultaneous loops/ images for a quick

study review

Image orientation marker

Selectable display configuration of Duplex and Triplex modes displays: side by side or top bottom, format size (1/3,1/2,2/3). Can be changed during image

recall during live, digital replay and clipboard

Single, dual and quad screen display

Electrical Power Battery or mains-line operation

AC Adapter Voltage input: 100-240 VAC

Frequency: 50/60 Hz

Power: Max 130 VA with peripherals

Echo data processing of phase, amplitude and frequency **Data Processing**

Easily upgradeable for future expansions

On line and off line post processing and measurment analysis

On board raw data processing capabilities

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