



The **GE LOGIQ E** is one of the most widely used LOGIQ E portable ultrasounds in medical facilities around the world. The LOGIQ E ultrasound is a laptop-style system that balances price and its shared service capabilities for OB/GYN, GI, cardiovascular, abdominal, and point-of-care applications. It's designed with a range of customization capabilities to speed workflow and meet your facilities exact needs. This portable ultrasound machine can help with a needle guided injections, MSK, vascular, venous, and orthopedic procedures.

The LOGIQ E is an affordable solution for a quality machine that doesn't compromise its size for its ability to perform. Aiding clinicians in providing better, more accurate diagnostic imaging, the LOGIQ E Ultrasound system integrates many groundbreaking technologies. This LOGIQ unit features TruScan architecture, PDI (Power Doppler Imaging), Panoramic images (up to 60cm), split screen, SmartScan, and ComfortScan technologies. Combining these technologies into one system helps to perform in some of the most diagnostic imaging applications including; anesthesia, head and neck, musculoskeletal, rheumatology, and more.

Features

- 15-Inch Color LCD Display
- 325 Frames (15 Sec) Standard CINE Memory (64MB)
- 40GB Hard Drive
- External DVD R/W Storage
- Automatic Optimization
- ACE (Adaptive Color Enhancement)
- Full M&A Calculation Package
- Patient Information Database



Specifications

Dimensions

- Height: 2.49 In (6.1cm)
- Width: 13.88 In (34cm)
- Depth: 11.71 In (28.7cm)
- Weight: 10.1 lbs (4.6 kg)

Power

- Voltage: 100-240 VAC
- Frequency: 50/60 Hz
- Power: Max. 130 VA with Peripherals

Design

- Laptop Style
- Integrated HDD (40GB)
- Wireless LAN Support
- USB ECG (AHA / IEC) Support
- CWD Support
- 1 Probe Port with micro-connector
- Rear handle

Keyboard

- Alphanumeric
- Ergonomic Hard Key Operations
- Integrated Recording Keys
- 6 TGC Pods
- Backlit Keys

Screen

- 15-Inch High-Resolution Color LCD
- 1024x768 Resolution
- Interactive Dynamic Software Menu
- 0 to 60 degree angle adjustment
- Integrated Speakers
- Brightness Adjustment
- Volume Adjustment

Applications

- Abdominal
- Cardiology
- Obstetrical
- Gynecological
- Musculoskeletal
- Vascular
- Urological
- Small Parts and Superficial
- Pediatric and Neonatal
- Intraoperative

Transducer Types

- Convex Array
- Microconvex Array
- Linear Array
- Phase Array

Compatible Probes

- 4C-RS Wide Band Convex Probe
- 3S-RS Wide Band Phase Probe
- 8L-RS Wide Band Linear Probe
- 12L-RS Wide Band Linear Probe
- E8C-RS Wide Band Microconvex Probe
- 8C-RS Wide Band Microconvex Probe
- i12L-RS Wide Band Linear Probe

Scanning Methods

- Electronic Convex
- Electronic Linear with slant scanning

Operating Modes

- B-Mode
- M-Mode
- Anatomical M-Mode
- Color Flow Mode (CFM)
- Power Doppler Imaging (PDI)
- Continuous Wave Doppler (Optional)
- Pulse Wave Doppler (PWD)

Standard Features

- High-Resolution 15-Inch Color LCD
- 325 Frames (15 Secs) Standard CINE Memory (64MB)
- 40 GB Hard Drive
- External DVD R/W Storage
- Loops Storage-from "on the fly scanning" and from memory
- Automatic Optimization
- Auto Tissue Optimization (ATO)
- Auto CFM Optimization (ACO)
- Auto Spectrum Optimization (ASO)
- ACE (Adaptive Color Enhancement)
- TruAccess, Raw Data Processing
- patient Information Database
- Image Archive on Hard Drive
- Full M&A Calculation Package with Real Time Auto Doppler Calculations
- Vascular Calcs
- Cardiac Calcs
- OB Calcs and Tables
- Fetal Trending
- Multi Gestational Calcs
- Hip Hysplasia Calcs
- Gynecological Calcs
- Urological Calcs
- Renal Calcs

Software Options

- Easy 3D
- DICOM 3.0 Connectivity
- LOGIQ View

Hardware Options

- Battery Pack
- 3 Pedal Foot Switch
- Docking Cart
- Simple Cart
- CWD (Optional)
- USB ECG (AHA / IEC) (Optional)

Media & Peripherals

- External USB DVD-RW (Standard)
- USB Thermal B&W Printer, Sony UPD-897 (Option)
- USB Thermal Color Printer, Sony UPD-23 MD (Option)
- Bluetooth Wireless Printers, using HP450 printers, where available
- Wireless LAN using Linksys WUSB54G supporting the 802.11a/b/g formats, where available
- Memory Stick

Inputs and Outputs

- SVGA (Output)
- USB (Footswitch, DVD-RW, Video Printer) (Connector)
- DC Power Input (Connector)

