



The **SonoSite Edge** ultrasound system is high-resolution, portable, full featured, general purpose, diagnostic ultrasound system utilizing all digital architecture. It's used to acquire and display high-resolution, real-time ultrasound data in 2D, M Mode, Pulsed Wave (PW) Doppler, Continuous Wave (CW) Doppler, Color Power Doppler (CPD), and color Doppler (Color or combination of these modes). The system supports a 3-lead ECG cable assembly to collect data from M Mode and Doppler measurements.

Features

- Optional ability to measure intima-media thickness (IMT).
- Optional Digital Imaging and Communications (DICOM) capabilities as well as general computer communication.
- System/transducer is capable of exceeding a TI or an MI of 1.0 in certain operating modes or mode combinations.
- Battery run time is up to 2 hours depending on imaging mode and display brightness.



Specifications

Dimensions

Height: 2.5" (6.3 cm)
Width: 12.4" (31.5 cm)
Depth: 13" (33 cm)
Weight: 8.5 lbs (3.85 kg)

System Specifications

Architecture: All-digital broadband multi-frequency imaging
Dynamic range: Up to 165 dB
Grayscale: 256 shades
HIPAA compliance: a Comprehensive toolset

Onboard Image and Clip Storage/Review

8 Gb internal Flash memory storage capability
Potential to store 30,000 images or 960 2-second clips
Clip storage capability (maximum single clip length: 60 seconds)
Clip Storage capability via either a number of heart cycles (using the ECG) or time base Maximum storage in ECG beats mode is 10 cycles Maximum storage in time base mode is 60 seconds
Cine review up to 255 frame-by-frame images

Connectivity

S-video (in/out) to VCR for record and playback
DVI output
Composite video output (NTSC/PAL) to VCR or video printer
Audio output
integrated speakers
Ethernet or Wireless image/data transfer
USB ports (2)
RS-232 transfer
DICOM image Management: Store, Print, Storage Commit, Modality Worklist, MPPS

Power Supply

The system operates via battery or AC power
Rechargeable lithium-ion battery
AC: universal power adapter, 100-240 VAC, 50/60 Hz input, 15 VDC output

