

SYSTEM SPECIFICATIONS



Clinical Applications

- Abdominal
- Vascular
- Breast
- Obstetrical
- Pediatric/Neonatal
- Intraoperative Procedures
- Interventional Procedures
- Cardiac
- Small Parts
- Gynecological
- Musculoskeletal

Physical Characteristics

- Height: 13.3" (33.8 cm)
- Width: 7.6" (19.3 cm)
- Depth: 2.5" (6.35 cm)
- Weight: 5.7 lb. (2.6 kg) with one transducer attached

Imaging Modes

- 2D
- Zoom
- Narrow imaging sector
- Color power Doppler
- Pulsed wave Doppler (option)
- Directional color power Doppler
- Continuous wave Doppler (option)
- M-mode
- Tissue Harmonic Imaging (option)

Transducers

- Lightweight with rapid, pinless connection
- C60/5-2: 60-mm broadband (5-2 MHz) curved array for general-purpose abdominal, obstetric and gynecologic applications
- ICT/7-4: 11-mm broadband (7-4 MHz) intracavitary array for obstetric gynecologic applications. Biopsy guide available.
- C15/4-2: 15-mm broadband (4-2 MHz) array for transthoracic and abdominal imaging
- L38/10-5: 38-mm broadband (10-5 MHz) linear array for breast, small parts, interventional, musculoskeletal and vascular imaging. Biopsy guide available.
- C11/7-4: 11-mm broadband (7-4 MHz) curved array for neonatal head, pediatric and neonatal abdomen, vascular access and assessment and pediatric cardiac imaging
- HST/10-5: 25-mm broadband (10-5 MHz) linear array for intraoperative vascular, and superficial vascular imaging
- C8/8-5: 8-mm broadband (8-5 MHz) intracavitary array for prostate and indocavity exams. Stainless steel biopsy guide available.

User Interface

- Controls: 2D, power Doppler, pulsed wave Doppler, continuous wave Doppler, M-mode, near gain, far gain, overall gain, save, print,

- freeze, cine review, text/picto, select, measure, optimize, depth, zoom, patient
- Narrow Imaging Sector feature on 2D and power Doppler modes
- User-defined labels
- Integrated 5" (12.7 cm) TFT color Liquid Crystal Display with brightness and contrast controls
- Integrated trackball for navigation
- Alpha-numeric keyboard
- System optimization presets for different patient body types

System Parameters

- System dynamic range: approximately 140 dB
- Frame rate: up to 100 frames/second

Image Storage and Cine

- Storage: internal 119 image memory (maximum) for off-line printing and review
- Cine: image retained for frame-by-frame viewing
- PC Direct Connectivity: connect directly to a PC using a cable link from a serial port (RS-232 or USB option) to a PC with SiteLink image manager software to download high resolution bitmap images

Clinical Analysis Package

- OB calculations with report package via standard tables
- Cardiac calculation package
- Doppler vascular calculation package

Measurement Tools

- Distance calipers – two sets
- Ellipse for area and circumference measurements
- Volume calculation

Power

- Operates via battery or AC power – 1.5 to 4 hours on fully charged, new battery
- Battery: rechargeable lithium ion
- AC: via universal power adapter, 100-240 VAC, 50-60 Hz

Display Annotation

- Text and pictograms

Peripheral Connections

- Composite video output (NTSC/PAL) to videocassette recorder, video printer or external monitor
- Connect to PC via PC Direct cable or via SiteStand® mobile docking station to download high resolution bitmap images
- ECG/serial connector

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