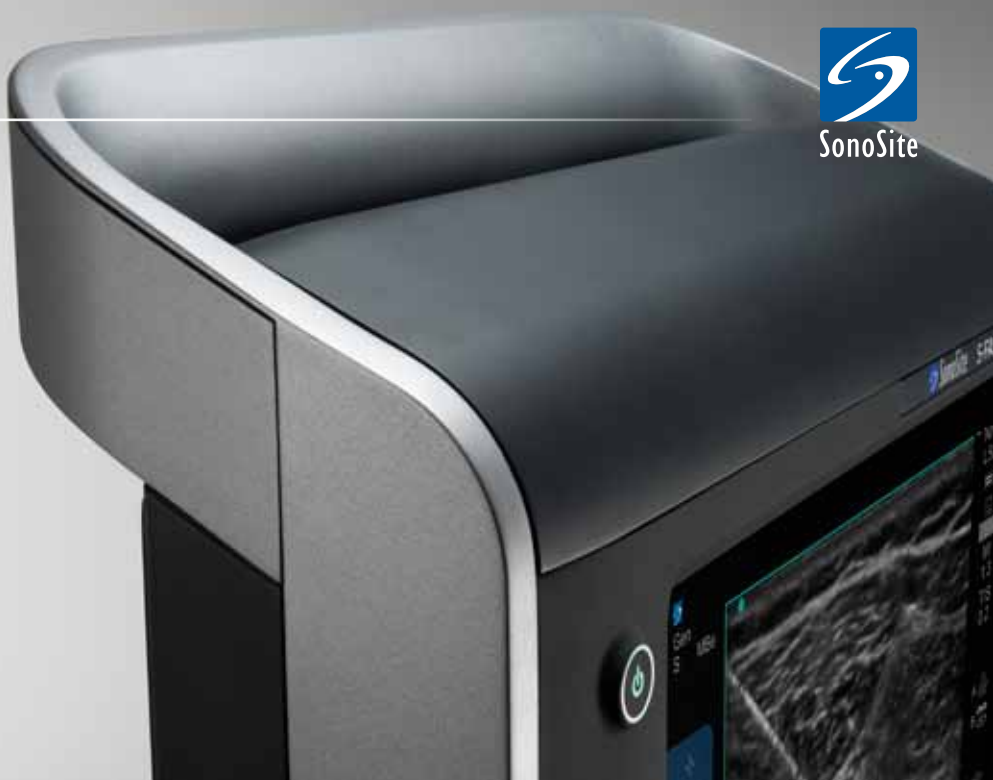


S SERIES™

SYSTEM SPECIFICATIONS



THE S SERIES™ ULTRASOUND SYSTEM FROM SONOSITE



SYSTEM SPECIFICATIONS:

System weight	8.5 lbs./3.8 kg
Dimensions	15.1" x 11.6" x 6.1" / 38.4 cm x 29.5 cm x 15.5 cm (H x W x D)
Display	10.4"/26.4 cm diagonal LCD (NTSC or PAL)
Architecture	All-digital broadband
Dynamic range	Up to 165 dB
Gray scale	256 shades
HIPAA compliance	Comprehensive tool set

IMAGING MODES AND PROCESSING:

Broadband, Multifrequency Imaging:

- 2D / Tissue Harmonic Imaging / M-Mode
- Color Doppler, Color Power Doppler
- PW, PW Tissue Doppler, and CW

Image processing:

- SonoADAPT™ Tissue Optimization
- SonoHD™ Imaging
- SonoMB® Multi-beam Imaging
- Enhanced Needle Visualization (SonoMBe™ Imaging)
- Auto Gain automatic image optimization
- Dual Imaging

MOUNTING OPTIONS:

Video Electronics Standards Association (VESA®) Mounting:

- (2.9" x 2.9" / 75 mm x 75 mm)
and (3.9" x 3.9" / 100 mm x 100 mm)

Optional V-Universal™ Stand:

- Hydraulic height adjustment, shelf for printer or DVD, transducer holder, locking wheels, power supply
- Storage basket with 2 basket hooks, keyboard tray with 4 integrated transducer cups

TRANSDUCERS:

Broadband and Multifrequency:

- Linear Array, Curved Array, Phased Array, Multiplane TEE and Micro-Convex

PREMIUM PACKAGE:

Optional software solution that enables the S Series systems to use all transducers and perform all examination types

USER INTERFACE AND PROGRAMMABLE CONTROLS:

- Track pad with select key for easy operation and navigation
- Image acquisition keys: review, report, Clip Store, DVD, save
- Dedicated AutoGain and exam keys to allow quick activation

ONBOARD IMAGE AND CLIP STORAGE/REVIEW:

- 4 GB internal Flash memory storage capability: Potential to store 25,000 images or 430 2-second clips
- Clip Store capability (maximum single clip length: 60 seconds)
- Cine review up to 255 frame-by-frame images

USB STORAGE FORMATS:

MPEG-4 (H.264), JPEG, BMP and HTML compatible with Mac and PC formats

POWER SUPPLY:

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



S SERIES™

SYSTEM SPECIFICATIONS



EXTERNAL DATA MANAGEMENT AND WIRELESS:

- 3 USB 2.0 ports, Ethernet port, RS-232
- Digital Video Interface (DVI), S-Video (in/out) and composite video out

DICOM® Image Management (TCP/IP):

- Print and Store
- Multi-Modality Work List Query

Storage Commit:

- Modality Performed Procedure Step
- SiteLink™ Image Manager functionality
- SonoSite® Education Key™ training video compatible
- Wireless DICOM®

MEASUREMENT TOOLS, PICTOGRAMS AND ANNOTATIONS:

- 2D: Distance calipers, ellipses and manual trace
- Doppler: Velocity measurements, pressure half time, auto and manual trace
- M-Mode: Distance and time measurements, heart rate calculation
- User-selectable text and pictograms
- User-defined, application-specific annotations
- Biopsy guidelines
- ACO™ (automated cardiac output) calculations

SUPPORTED PERIPHERAL DEVICES:

- B&W video printer
- DVD recorder
- USB keyboard
- USB bar code reader

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DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.



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