SonoSite M-Turbo Ultrasound

SOMA TECHNOLOGY, INC.™

New, Demo & Refurbished Medical Equipment

The **SonoSite M-Turbo** ultrasound system is a versatile, digital, and software controlled device. This portable and innovative system has numerous configurations and feature sets used to obtain and display real-time, high-resolution ultrasound images used for abdominal, nerve, superficial, vascular, cardiac, venous access, and pelvic views. However used, the SonoSite M-Turbo can optimize the image resolution for high-quality exams. With its clear and sharp contrast, the M Turbos is known for its image quality. These features improve the visual detail to help differentiate structures, vessels, and pathology.

Features

- 13 compatible transducers
- Lithium-ion battery
- 8 GB internal flash memory
- Integrated speakers
- 6.7 lbs (3.04 kg)
- 10.4” (30.2 cm) diagonal LCD screen
- Premium image quality
- Slpash resistant user-interface
- Wireless connectivity

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Specifications

Dimensions	**Height:** 3.1" *(7.9 cm)* **Width:** 10.8" *(27.4 cm)* **Depth:** 11.9" *(30.2 cm)* **Weight:** 6.7 lbs *(3.04 kg)*
Display	**Type:** Liquid Crystal Display *(LCD)* **Size:** 10.4" *(26.4 cm)*
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 Store capability (maximum single clip length: 60 seconds) Clip Store capability via either number of heart cycles (using the ECG) or time base Maximum storage in ECG beats mode is 10 heart cycles. Maximum storage in time base mode is 60 seconds Cine review up to 255 frame-by-frame images
Power	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
Broadband, Multifrequency Imaging	2D / Tissue Harmonic Imaging / M-Mode Velocity Colour Doppler / Colour Power Doppler PW, PW Tissue Doppler and CW Doppler angle, correct after freeze
Image Processing	SonoADAPT Tissue Optimisation SonoHD Imaging Technology Advanced Needle Visualisation (SonoMBe Imaging) Dual Imaging, Duplex Imaging, 2x pan/zoom capability, Dynamic range and gain
Measurement Tools, Pictograms, and Annotations	**2D:** Distance calipers, ellipse 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

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External Data Management and Wireless

DICOM Image Management (TCP/IP): Print and Store, Modality Work List

Storage Commit: Modality, Perform, Procedure Step

PC Workstation Image Management (TCP/IP, USB):

- SiteLink Image Manager – allows transfer, archiving, viewing and printing of high resolution bitmap images/clips, and batch compression to JPEG on PCs
- Direct writing capability to USB 2.0 mass storage removable media (PC and MAC compatible)
- Supported export formats are: MPEG-4 (H.264), JPEG, BMP, and HTML
- SonoSite Education Key training video compatible

SonoSite Workflow Solutions (SWS):

- A suite of specialised tools to streamline exam management for billing, credentialing, EMR and image archiving

External Video and Audio

S-video (in/out) to VCR or DVD for record and playback

RGB or DVI output to external LCD display

Composite video output (NTSC/PAL) to VCR or DVD, video printer or external LCD display

Audio output

Integrated speakers

User Interface and Remappable Controls

Softkeys to drive advanced features

Programmable A and B keys: each can be assigned by the user for increased ease of use

Alphanumeric elastomeric QWERTY keyboard

Track pad with select key for easy operation and navigation

Doppler controls: angle, steer, scale, baseline, gain and volume

Image acquisition keys: review, report, Clip Store, DVD, save

Dedicated AutoGain and exam keys to allow quick activation

H-Universal Stand and Peripherals

Transducer and gel holders

Optional Triple Transducer Connect (TTC) to quickly activate transducers electronically

Optional foot switch

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