

XR-U/S, VAMC MADISON, WIPO# 607-B50011

SonoSite M-Turbo high-resolution, all-digital, 7.5-pound (3.0 kg) ultrasound system with 10.4in. Digital display. Standard features include display module, 2D grayscale with SonoMB Multi Beam Technology and Auto Gain, with SonoADAPT Tissue Optimization Technology, Clips storage, M-mode, HIPAA compliance tool set, comprehensive application specific calculation packages, PC direct connectivity capability (through USB Memory Stick or via SiteLink and USB Cable ordered separately). Also includes battery, ultrasound gel, and user guide on a CD (Printed user guides also available as a purchasable option). You can select one of five (5) diff  
lor plates to customize your system.

The M-Turbo combines the high performance of cart-based systems with the speed, flexibility and durability of hand-carried ultrasound. 8 GB of on-board Flash memory will retain enough data for over 40 standard exams (or 2,400 seconds of clips, 1,200 still frames and 40 report pages) even after power is turned off. The system supports USB media playback, and connectivity is accomplished through one of two USB slots on the system, which allow for direct sharing of images (JPEG) and Clips (MPEG4) to a PC or Mac. Additional connectivity is achieved via the optional H-Stand or Mini-Dock, to meet your specific needs.

M-Turbo's reliability and durability are backed by a five-year standard warranty, which is included in the price of the system. Software upgrades to the main system and transducer databases are both accomplished through one of the two USB ports on the system.

Additional features available to add to our system include: SonoHD Imaging Technology image processing, SonoMBe, ColorHD, Tissue Harmonic Imaging, PW Doppler, TDI PW, CW Doppler, DICOM Bundle, In Progress Archive, Worksheets, and a full array of multi-frequency, broadband transducers. This product is designed with an intuitive interface with Chip Fusion Technology.

Included with the purchase of your SonoSite M-Turbo, you will receive four consecutive hours of installation provided by a SonoSite Clinical Specialist. The installation includes an overview of the product and accessories purchased, training on the features, functions, and user interface, and system care/maintenance. Available for US locations only. A 1 day system installation can be purchased separately as needed.

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2	- M-Turbo Color Option - Olympic Mist	1
	Olympic M1st, Silver	

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3	- MSK University	1
	Included items in MSK University:	
	- Physician-led Monthly Webinars	
	- Digital Library	
	- Reimbursement Guidance	
	- Practice Building Kit	
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4	- Standard Application Software Package M-Turbo	1
	The following minimum application package must be ordered with your M-Turbo ultrasound system in order to assure the best imaging performance that was designed into the product. If any of the application software features listed below are not included in your system, this package provides the following software features:	
	- Tissue Harmonic Imaging (THI), a capability in which the system transmits at one frequency and receives at a higher harmonic frequency to reduce noise and clutter and improve resolution.	
	- SonoHD Imaging Technology, technology which significantly reduces speckle noise while enhancing tissue margins, thereby dramatically improving contrast and structural resolution.	

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5	Color Doppler And Velocity Color	1
	Velocity color flow software allows the clinician with the color sensitivity to perform color Doppler examinations with all transducers during a clinical procedure.	

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6	- SonoMBe, M-Turbo	1
	Proprietary software that enhances the systems ability to aid needle visualization.	

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7	- C60X / 5-2 MHZ Transducer Biopsy Compatible	1
	C60x / 5-2 MHz multi-frequency, broadband, 60 mm curved array transducer for general purpose, abdominal, obstetric, gynecology, and nerve exams, Supports 2D with SonoMB Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, Tissue Harmonic	

Imaging, M-mode, Color Power Doppler, Velocity Color Flow Filter and Pulsed Wave Doppler. Biopsy guide available. 1-meter drop-test durability. Maximum depth is 30 cm.

8	- HFL50x / 15-6 MHZ Transducer Biopsy Compatible	1
	HFL50x / 15-6 MHz multi-frequency, broadband, 50mm linear array transducer for small parts, breast, musculoskeletal and nerve. Supports 2D with SonoMB, Sono UltraRes Technology, Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, M-mode, Color Power Doppler, Velocity Color Flow Filter and Pulsed Wave Doppler. Biopsy guide available. Maximum depth is 6 cm.	
9	- L25X / 13-6 MHZ Transducer Transverse Biopsy Compatible	1
	L25x / 13-6 MHz multi-frequency, broadband, 25 mm linear array transducer for nerve, vascular, venous, ophthalmic, musculoskeletal, and superficial exams. Supports 2D with SonoMB Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, M-mode, Color Power Doppler, Velocity Color Flow Filter and Pulsed Wave Doppler. Transverse biopsy guide available. 1-meter drop-test durability. Maximum depth is 6 cm.	
10	H-Universal Stand (M-Turbo Only)	1
	Ergonomic stand and mobile work platform for the M-Turbo system and transducers. Complete with power supply, DVI mini-dock and accessory basket.	
11	Control Panel, English, M-Turbo	1
	CONTROL PANEL, ENGLISH, M-TURBO	
12	Triple Transducer Connect (TTC) w/ quick disconnect	1
	Three-transducer module for mobile docking system that allows connection of up to three transducers simultaneously while the system is docked in the Stand	
13	- Service Manual M-Turbo	1
	M-Turbo Ultrasound Service Manual.	
14	- User Guide M-Turbo	1
	M-Turbo Ultrasound System User Guide, English	
15	Service Manual M-Turbo	1
	M-Turbo Ultrasound Service Manual.	
16	5-YR-WARRANTY - 60 MONTHS - STANDARD COVERAGE WARRANTY	1
	60 MONTHS - STANDARD COVERAGE WARRANTY	

**P17795 - MSK University**

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Included items in MSK University:

- Physician-led Monthly Webinars
- Digital Library
- Reimbursement Guidance
- Practice Building Kit
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**P12819 - DICOM Bundle (Print/Store/Worklist Mpps Sc) M-Turbo**

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The DICOM complete package includes the capability to interface with your PACS network with the complete offering of DICOM Print, Store, Worklist, storage commit, and modality perform procedure step.

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**P17726 - Wireless Data Management**

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This kit includes the USB dongle that is used to transmit images and information wirelessly and installation instructions.

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**L04055 - M-Turbo System Update**

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Current software level f -Turbo system

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**P07698 - P21X / 5-1 MHZ Transducer Biopsy Compatible**

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P21x / 5-1 MHz phased array transducer for cardiac, abdominal and obstetric, TCD and orbital exams. Supports 2D with SonoMB Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, Tissue Harmonic Imaging, M-Mode, Velocity Color Flow, Color Power Doppler, Pulsed Wave, TDI Pulsed Wave, and Continuous Wave Doppler. 1 meter drop-test durability. Maximum depth is 35 cm.

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