

V.A. MEDICAL & R.O. CENTER
ALASKA V.A.
5955 ZEAMER AVE
JBER, AK 99506

PO# 463-B20046

1 L05323 -SonoSite M-Turbo

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SonoSite M-Turbo high-resolution, all-digital, 7.5-pound (3.0 kg) ultrasound system with 10.4 in. digital display. Standard features include display module, 2D grayscale with SonoMB Multi Beam Technology and Auto Gain, with SonoADAPT Tissue Optimization Technology, M-mode, HIPAA compliance tool set, comprehensive application specific calculation packages, PC direct connectivity capability (through USB Memory Stick or via SiteLink - USB Cable ordered separately). Also includes battery, ultrasound gel, and user guides. You can select one of five (5) different exterior color

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-Universal 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, ColorHD, Tissue Harmonic Imaging, PW Doppler, TDI PW, CW Doppler, DICOM Bundle, Credentialing Worksheets, ACO, MSK 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. Additional days system installation can be purchased separately as

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- 2 -M-Turbo Color Option - Olympic Mist
Olympic MIst, Silver

Olympic MIst, Silver

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- 3 -Color Application Software Package M-Turbo
This package provides the following capabilities for the transducers that support these 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.
- Velocity color flow imaging provides the clinician with the color sensitivity to perform color Doppler examinations with all transducers during a clinical procedure.
 - PW Doppler is available on all transducers.
 - CW Doppler is a quantitative assessment of blood flow with Duplex imaging for higher flow velocities.

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4	<p>-SonoMBe, M-Turbo</p> <p>Proprietary software that enhances the systems ability to aid needle visualization.</p>	1
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5	<p>-C60X / 5-2 MHZ Transducer Biopsy Compatible</p> <p>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 Doppler and Pulsed Wave Doppler.</p>	1
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6	<p>/ 13-6 MHZ Transducer Biopsy Compatible</p> <p>HFL38x / 13-6 MHz multi-frequency, broadband, 38 mm linear array transducer for small parts, breast, vascular, nerve, IMT, musculoskeletal, and venous. Supports 2D with SonoMB Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, M-mode, Color Power Doppler, Velocity Color Flow Doppler and Pulsed Wave Doppler. Biopsy</p>	1
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HFL38x / 13-6 MHz multi-frequency, broadband, 38 mm linear array transducer for small parts, breast, vascular, nerve, IMT, musculoskeletal, and venous. Supports 2D with SonoMB Multi Beam Technology and Auto Gain capabilities, SonoHD Imaging Technology, M-mode, Color Power Doppler, Velocity Color Flow Doppler and Pulsed Wave Doppler. Biopsy guide available. 1-meter drop-test durability. Maximum depth is 6 cm.

7	<p>-H-Universal Stand (M-Turbo Only)</p> <p>Ergonomic stand and mobile work platform for the M-Turbo system and transducers. Complete with power supply and DVI mini-dock.</p>	1
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Requires isolation transformer kit (P12882) when more than one OEM peripherals are ordered and installed on the H-Stand. OEM peripherals include: B/W or color printer, DVD and LCD display. Isolation transformer mounts under the stand base.

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| 8 | -User Guide M-Turbo
M-Turbo Ultrasound System User Guide, English | 1 |
| | M-Turbo Ultrasound System User Guide, English | |
| 9 | -Triple Transducer Connect (TTC) w/ quick disconnect
Three-transducer module for mobile docking system that allows connection of up to three transducers simultaneously while the system is docked in the MDSm, MDSe, MDS Lite, or H-Stand | 1 |
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| 10 | -Service Manual M-Turbo
M-Turbo Ultrasound Service Manual. | 1 |
| | M-Turbo Ultrasound Service Manual. | |
| 11 | -User Guide M-Turbo
M-Turbo Ultrasound System User Guide, English | 1 |
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| 12 | -Service Manual M-Turbo
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| 13 | 5-YR-WARRANTY -60 MONTHS - STANDARD COVERAGE WARRANTY
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Item	Qty
OP-1 - Powerpark System PowerPark docking station for the Universal stand. This stand module and docking station allows the M-Turbo ultrasound systems to charge without plugging in the	1
OP-2 - Sony UP 897 MD Black & White video printer Medical grade, monochrome video printer with interface cables. Worldwide power (100V-240V, 50/60Hz) and video (NTSC/PAL). North American power cord supplied by manufacturer.	1