

M-TURBO[®] c

ULTRASOUND IMAGING SYSTEM



SUPERIOR IMAGE QUALITY, AFFORDABLE IMAGING



POINT-OF-CARE (POC) IMAGING FOR ALL HOSPITALS

M-Turbo c is an entry-level compact ultrasound imaging system from SonoSite, featuring the image quality and functionality needed to meet your diverse needs.

Leveraging SonoSite's legendary ease-of-use, portability and durability, the M-Turbo c gives you access to a best-in-class point-of-care technology, today.

APPLICATIONS INCLUDE:

Anaesthesia, Critical Care, Cardiology, Cardiovascular Disease Management, Emergency Medicine, MSK, OB/GYN, Radiology, Vascular, Shared Service, Women's Health.

M-TURBO c TECHNOLOGY FROM SONOSITE, A WORLD LEADER IN POINT-OF-CARE ULTRASOUND

Built on SonoSite's ASIC (Application Specific Integrated Circuit) technology, the M-Turbo c system offers stunning image quality rendered by advanced on-chip image processing algorithms:

SonoADAPT™ Tissue Optimisation – eliminates and/or reduces fumbling with multiple controls.

SonoHD™ Imaging Technology – offers advanced image quality by reducing speckle noise and other image artifacts while preserving and sharpening tissue information.

ColorHD™ Technology – Increases colour performance, sensitivity and frame rates for more diagnostic information.

WARRANTY

One-year, standard warranty.



M-TURBO[®] c

ULTRASOUND IMAGING SYSTEM

SYSTEM SPECIFICATIONS:

System weight	3.4 kg with battery
Dimensions	30.2 cm x 27.4 cm x 7.9 cm (L x W x H)
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
- Velocity Colour Doppler / Colour Power Doppler (optional)
- Doppler angle, correct after freeze

Image processing:

- SonoADAPT[™] Tissue Optimisation
- SonoHD[™] Imaging Technology
- Dual Imaging, Duplex Imaging, 2x pan/zoom capability, Dynamic range and gain

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 (optional)
- Image acquisition keys: review, report, Clip Store, save
- Dedicated AutoGain and exam keys to allow quick activation

APPLICATION SPECIFIC CALCULATIONS:

OB/GYN/Fertility (optional): Diameter/ellipse measurements, volume, ten follicle measurements, estimated foetal weight, established due date, gestational age, last menstrual period, growth charts, user-defined tables, multiple user-selectable authors, ratios, amniotic fluid index, patient report, humerus and tibia measurement and charts

Vascular: Diameter/ellipse/trace measurements, volume, volume flow, percent diameter and area reduction, Lt/Rt CCA, ICA, ECA, ICA/CCA ratio, time average mean (TAM), peak trace, ICA/CCA ratio, angle correction, patient report

CHOICE OF TRANSDUCERS:

Broadband and Multifrequency:

- Linear Array, Curved Array, Phased Array

H-UNIVERSAL[™] STAND AND PERIPHERALS:

- Transducer and gel holders
- Optional Triple Transducer Connect (TTC) to quickly activate transducers electronically

OPTIONAL PERIPHERALS:

Printers: Medical-grade black and white or colour



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L38xi



10-5MHz Linear

Applications:

breast
IMT
musculoskeletal
nerve
small parts
vascular
venous

Scan depth:

9 cm

HFL38x



13-6MHz Linear

Applications:

breast
IMT
musculoskeletal
nerve
small parts
vascular
venous

Scan depth:

6 cm

L25x



13-6MHz Linear

Applications:

musculoskeletal
nerve
superficial
vascular
venous
ophthalmic

Scan depth:

6 cm

HFL50x



15-6MHz Linear

Applications:

breast
musculoskeletal
nerve
small parts

Scan depth:

6 cm

P10x



8-4MHz Phased

Applications:

paed. abdominal
paed. cardiology
neonatal head

Scan depth:

14 cm

P21x



5-1MHz Phased

Applications:

abdominal
cardiology
ob
orbital
TCD

Scan depth:

35 cm

C60x



5-2MHz Curved

Applications:

abdominal
musculoskeletal
nerve
ob
gyn

Scan depth:

30 cm

ICTx



8-5MHz Curved

Applications:

ob
gyn

Scan depth:

13 cm

SonoSite standard five year warranty
offered on all transducers