

Ultrasound To Go
MySono U5



see it all ● ● ●
MEDISON



The MySono U5 - Ultrasound To Go

With the introduction of the MySono U5, MEDISON brings you a fully featured ultrasound imaging system to go. Delivering exceptional image quality and featuring MEDISON's advanced imaging technologies, the truly portable MySono U5 offers outstanding versatility and performance across a broad range of applications at the bedside, in the emergency room, and beyond.

Featuring the premium system software at the heart of MEDISON's full-sized imaging systems, the MySono U5 provides the same wide dynamic range, advanced image processing tools, and diagnostic precision as traditional cart-based devices. And with its intuitive user interface and automated functions, the MySono U5 makes volume acquisition and evaluation fast and accurate in any environment.



Uncompromising image quality

Despite its diminutive size the MySono U5 makes no compromise in image quality. Featuring MEDISON's state-of-the-art imaging software, the MySono U5's 15-inch full-color screen displays scanned images with astounding clarity and definition.

- **SRF™ (Speckle Reduction Filter)**

Utilizing MEDISON's sophisticated digital filtering algorithms, SRF™ enhances image quality by reducing or eliminating the appearance of speckle echoes from ultrasound images. The degree of speckle reduction implemented is user-selectable.

- **Tissue Harmonic Imaging & Pulse Inversion Harmonics**

The MySono U5 supports both Tissue Harmonic Imaging and Pulse Inversion Harmonics. Sophisticated probe technology and advanced processing capabilities provide efficient utilization of received harmonic signals to give superb image quality across all imaging applications.

- **DMR Lite™**

Designed to enrich gray scale resolution, DMR Lite™ enhances detection and contrast resolution while also decreasing speckle echoes. This is particularly useful when evaluating superficial structures, including thyroid and vessels, and pelvic and abdominal anatomy.

- **3D XI™(3D eXtended Imaging)**

Because the MySono U5 is built around the premium software platform used in MEDISON's full-sized devices, it supports all of MEDISON's advanced 3D technologies, including 3D XI™(3D eXtended Imaging). Comprising a suite of three innovative imaging applications — Multi-Slice View™, Oblique View™ and VolumeCT™ — 3D XI™ offers users complete and precise control over 3D volume data for maximum diagnostic accuracy.

Multi-Slice View™ enables a 3D data set to be displayed as precise sectional slices similar to that of MR or CT imaging. And like CT and MR, the user has the ability to determine the exact distance between each displayed anatomical slice (on increments of 0.5mm–3 mm), offering the physician increased diagnostic confidence.

Oblique View™ lets you display specific oblique scan planes from an acquired 3D volume. This allows for a more complete visual examination and a better understanding of the correlated anatomy of interest.

VolumeCT™ visually displays the relationship of coronal, sagittal and axial views of a 3D data set. Each scan plane, as well as the entire volume data, set are interactive.

U SIMPLICITY



Smaller, faster, simpler

Providing fully automated measurement tools and ergonomic user controls, the MySono U5 let you acquire, measure and evaluate volume data with speed and accuracy — for faster scanning, streamlined workflows, and optimized patient throughput.

Advanced Vascular Package

- **Auto IMT**
Auto IMT speeds up IMT measurement of the Common Carotid Artery for early diagnosis of increased risk of stroke and heart attack.
- **Full Vascular Measurement Package**
The MySono U5's optimized vascular measurement package expedites and simplifies complex measurement processes.
- **HPRF**
HPRF (High Frequency Pulse Doppler) increases detectable velocity range for more accurate diagnosis.
- **High-performance Linear Probes**
The MySono U5 comes equipped with multi-frequency, ergonomically designed linear probes for a wide variety of vascular diagnostics and other clinical applications.

Ergonomic Interface

- **Ergonomic Control Panel**
The ergonomic operating panel of the MySono U5 reduces user strain and speeds up workflow by grouping hot key functions within palm range.
- **QuickScan™**
QuickScan™ maximizes workflow efficiency by automatically optimizing key imaging parameters at the push of a button.

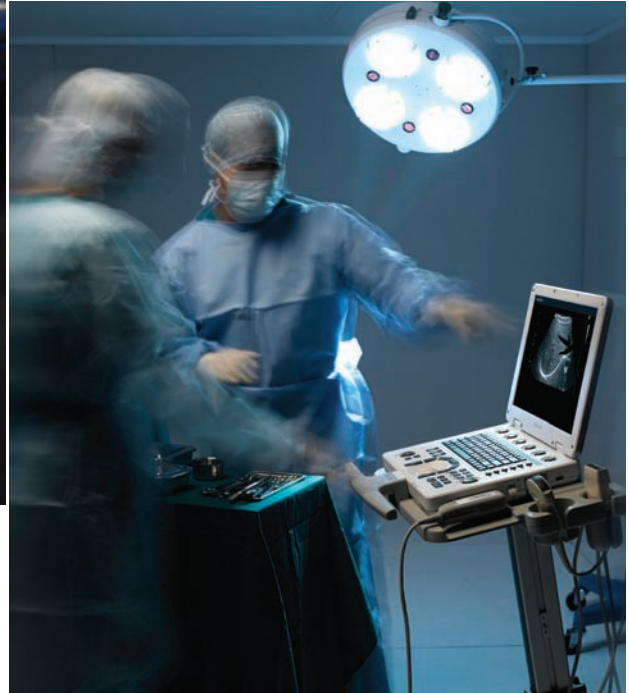
U FREEDOM



Connect, integrate and share

The MySono U5's wired and wireless connectivity options allow easy and instant connection for sharing of patient data and linking with patient health records. And full DICOM 3.0 compatibility ensures that the MySono will integrate seamlessly into your existing clinical workflows.

- **USB 2.0**
Three USB 2.0 ports provide maximum options for connectivity or transfer of your images and data on a USB flash memory stick for archiving.
- **DICOM 3.0**
DICOM 3.0 enables full compatibility with archives, PACS, print servers, modality worklist servers, MPPS servers, and storage commit servers.
- **SonoView™ & SonoView™ Pro**
MySono U5 comes installed with MEDISON's powerful SonoView™ allows you to view diagnostic images anywhere and anytime — enhancing both workflow efficiency and the quality of patient care. SonoView™ Pro offers the same powerful features as standalone application on a PC.



Deliver care anywhere

A truly mobile device, the MySono U5 gives you the freedom to deliver care to patients when and where they need it. Whether moving between examination rooms, supporting a mobile clinic, or conducting emergency triage, the MySono U5's portability and versatility extends your diagnostic options in all applications and environments.

- **Lightweight**
Weighing in at less than 6kg, the MySono U5 is light enough to comfortably pick up and go — wherever and whenever you need.
- **Compact Carry Case**
At little more than the size of a typical laptop computer, the all-in-one MySono U5 is simple to transport and space saving to store.
- **Rechargeable Battery**
The MySono U5's rechargeable battery-powered system extends your point of care to sites where power sources are unavailable.
- **Instant-on**
In standby mode, just raise the screen and the MySono U5 is fully operational in seconds.

Optimized Probe Set Configuration

L5-12

- Linear Array Type
- Broadband Frequency Range: 5MHz~12 MHz
- Application: Small Part, Breast, Vascular, Musculoskeletal

HL5-12

- Linear Array Type
- Broadband Frequency Range: 5MHz~12MHz
- Application: Musculoskeletal, Small Part, Breast, Vascular

C3-7

- Curved Array Type
- Broadband Frequency Range: 3MHz~7MHz
- Application: Abdomen, Gynecology, OB, OB Early, Fetal Heart

P2-4

- Phased Array Type
- Broadband Frequency Range: 2MHz~4 MHz
- Application: Cardiology, TCD, Neonatal

EV4-9

- Curved Array Type
- Broadband Frequency Range: 4MHz~9MHz
- Application: Gynecology, OB, OB Early, Fetal Heart, Urology

