

**All You Need,
Wherever You Want.**

MySono U5



see it all ● ● ●
MEDISON



The MySono U5 - All You Need, Wherever You Want

With the introduction of the MySono U5, MEDISON brings you all the performance of a full-sized imaging system in a truly portable package. Delivering exceptional image quality and featuring MEDISON's renowned 3D/4D imaging technology, the MySono U5 is a versatile diagnostic tool for a complete range of ultrasound imaging applications.

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

The MySono U5 — all you need and all you want in a 3D/4D ultrasound imaging system.

U VOLUME



3D/4D imaging at your fingertips

Because it was designed around MEDISON's premium software platform, the MySono U5 supports all of MEDISON's advanced 3D/4D technologies. Featuring many of the innovative 3D/4D technologies found on MEDISON's full-sized OB/GYN imaging systems — from advanced volume acquisition tools to fully automated image optimization functions — the MySono U5 is ideally suited to women's health and fetal imaging applications.

- **3D XI™ (3D eXtended Imaging)**

Comprising a suite of three innovative imaging applications — Multi-Slice View™, Oblique View™ and VolumeCT™ — 3D-XI™ offers complete and precise control over 3D/4D volume data manipulation 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 VISION

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**

MySono U5 supports both Tissue Harmonic Imaging and Pulse Inversion Harmonics. Sophisticated probe technology and advanced processing capabilities provide efficient utilization of the 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.

- **HPRF**

HPRF (High Frequency Pulse Doppler) increases detectable velocity range for more accurate diagnosis.



U FREEDOM



Deliver care anywhere

A truly portable device, the MySono U5 gives you the freedom to deliver care to patients when and where they need it. Whether moving between examination rooms, delivery rooms, or supporting a mobile clinic, 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 want.

- **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 the point of care to sites where alternative power sources are unreliable or unavailable.

- **Instant-on**

In standby mode, just raise the screen and the MySono U5 is fully operational in seconds.

Full integration with all workflows



The MySono U5's wired and wireless connectivity options allow easy and instant 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.

- **DICOM 3.0**

DICOM 3.0 enables full compatibility with archives, PACS, print servers, modality worklist servers, MPPS servers, and storage commit servers.

- **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.

- **SonoView™ & SonoView™ Pro**

MySono U5 comes installed with MEDISON's powerful SonoView™ allows you to view diagnostic images anywhere at any time — enhancing both workflow efficiency and the quality of patient care. SonoView™ Pro offers the same powerful features as standalone application on a PC.



Optimized Probe Set Configuration

3D 2-6

- Curved Array Type
- Broadband Frequency Range: 2MHz~6MHz
- Application: Abdomen, Gynecology, OB, OB Early, Fetal Heart



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: Pediatric, Cardiology, TCD, Neonatal



EV4-9

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

