POWERFUL & PORTABLE
SONIMAGE HS1

Premium Portable Ultrasound

Giving Shape to Ideas
Sonimage HS1 is Konica Minolta’s Premium Portable Ultrasound designed to meet the requirements for a wide range of applications and clinical environments. The system delivers Premium Performance and an Intuitive Workflow.

**Imaging Performance**

The Konica Minolta Technology implemented in Sonimage HS1 delivers excellent detail and contrast resolution for clear and homogeneous images, supporting accurate diagnoses and procedures.

![Wider band width](image)

**Workflow Efficiency**

Premium Portable Ultrasound combines the advantages of a mobile solution with high performance and advanced features.

- **8 buttons**
- **1 touch**

**Sustainability**

Purchasing a portable ultrasound system is not only helping to optimize your workflow; it also gives access to advanced technologies.

- **Broadband Multifrequency Transducers**
- **Upgradability**

The innovative design and the intuitive user interface, makes the device very user friendly.
All details on your screen

The Konica Minolta's Ultra broad-band transducers in combination with the advanced 3THI (Triad Tissue Harmonic Imaging) deliver an exceptional resolution and image clarity through the whole picture, starting from the very first millimeters.

Enhanced Confidence

The Simple Needle Visualization (SNV) technology enhances the needle visualization on the ultrasound image. SNV is straightforward and effective and supports ultrasound-guided procedures, performed with both in-plane and out-of-plane approaches. For in-plane interventions Sonimage HS1 detects automatically the needle, optimizing its visualization.

Highest Accuracy

Simple Clear Flow provides a precise and sensitive visualization of low flow velocities, which means you can make early detections and give you diagnostic confidence. Sonimage HS1 gives you the possibility to display the 18MHz imaging scaled down to 1 cm depth; this gives you a comfortable visualization of details on the screen.
**Intuitive operation**

**Full touch screen on 15” monitor**
Sonimage HS1 implements an intuitive user interface, thanks to use of the touch screen technology on the 15” IPS LCD monitor. Operating the system in all its functions is easy, minimizing the learning curve and enhancing your confidence.

The user interface can be customized, meeting your specific needs and preferences in workflow.

**Increase throughput**

**Full screen view to enhance details’ visualization**
Sonimage HS1 offers the possibility to display your ultrasound image full screen, making it 133% larger. This way even working with the system at distance will be easier and more comfortable.

**Exceptional cardiac imaging**

Sonimage HS1 implements also phased array technology, meeting the requirements for a cardiac use of the system. Tools and features, such as TDI and CW-mode, make of Sonimage HS1 a powerful solution, also for Cardiac applications.
Auto IMT measurement

Auto IMT (intima-medial thickness) calculation is an advanced quantification application to assess arterial health. This non-invasive method to evaluate cardiovascular risk contains an IMT measurement, calculates a Vascular Age and Framingham Risk Factors.

Strain Elastography

Strain Elastography is an advanced real-time qualitative imaging method displaying the relative stiffness of tissues. Next to the premium B-mode image and high-sensitivity Doppler standard delivered by Sonimage HS1, Elastography is an additional powerful tool providing further clinical information, in the assessment of soft tissues and superficial lesions.

Rheumatoid Arthritis Workflow

Konica Minolta’s unique Rheumatoid Arthritis Solution is designed to custom fit your workflow and improves throughput by performing RA scanning without touching any buttons.

• Unique tool supports assessment of joints for Rheumatoid Arthritis
• Supports the examination through a dedicated protocol for Rheumatoid Arthritis
• Provides a quick and clear overview within the examined joints
• Customizable protocol to define the preferred acquisition order
Sonimage HS1 Transducers

- C5-2 Convex probe
- MC10-3 Micro-convex probe
- S4-2 Sector probe

- L18-4 High frequency linear probe
- L14-4 Linear probe
- L11-3 Linear probe
- HL18-4 Hockey stick linear probe

- Thyroid B mode
- Liver B mode
- Biceps tendon Rotator interval

- Kidney SCF mode
- Cardiac overview
- Thyroid Elastography mode
Sonimage HS1 and its state-of-the-art transducers are proudly designed and manufactured by Konica Minolta in Japan. We continuously strive to develop cutting-edge technologies and realize our mission of providing you with the highest performance and reliability.

“EXCEPTIONAL DIAGNOSTIC POWER
REAL EASE OF USE
HIGH VERSATILITY”
P O W E R F U L & P O R T A B L E
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