



KONICA MINOLTA

POWERFUL & PORTABLE

# SONIMAGE HS1

✦ Premium Portable Ultrasound



Giving Shape to Ideas

POWERFUL & PORTABLE  
**SONIMAGE HS1**

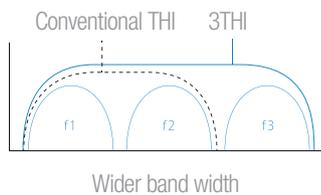
# PREMIUM PORTABLE ULTRASOUND DESIGNED FOR YOU

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.

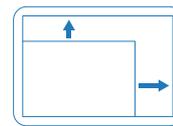
## Imaging Performance

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

MORE THAN 20%



133%



Larger ultrasound image display



## 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.



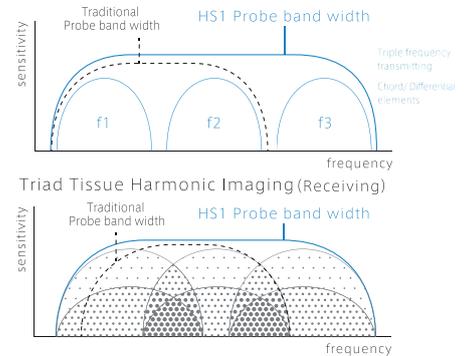
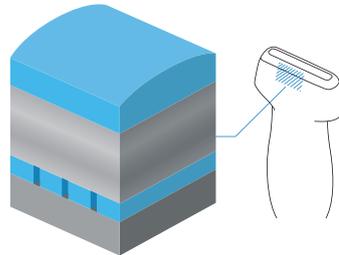
**All details on your screen**

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.



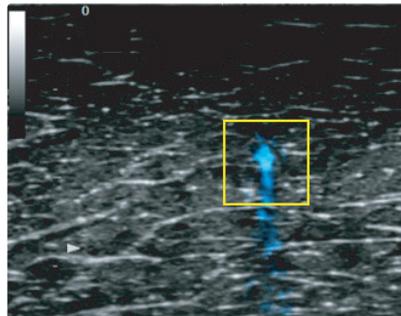
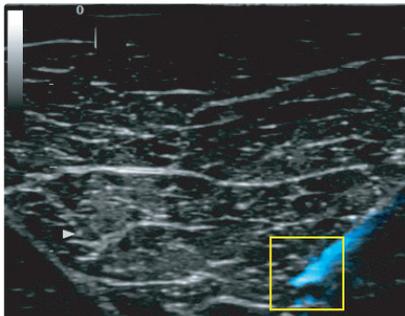
Breast B-mode



**Enhanced Confidence**

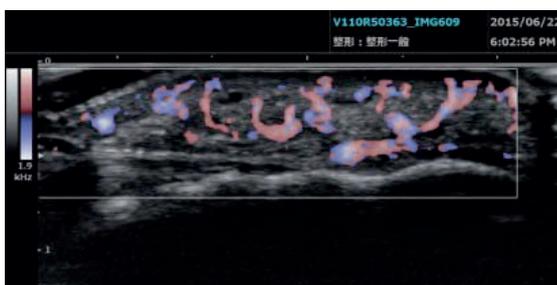
The Simple Needle Visualization (SNV) technology enhances the needle visualization on the ultrasound image. SNV is straightforward and effective and supports ultrasound-guided procedures, performed

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.

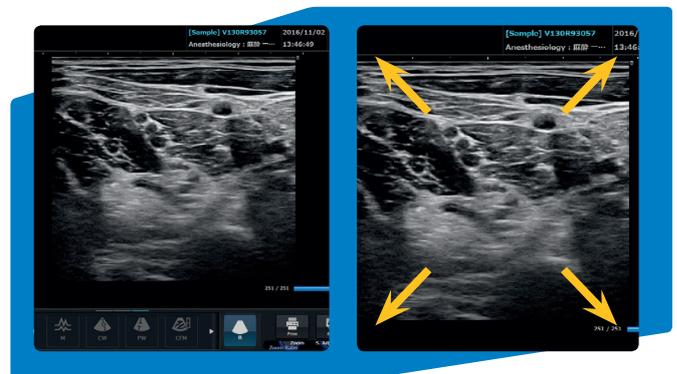


The user interface can be customized, meeting your specific needs and preferences in workflow.

▀ Increase throughput

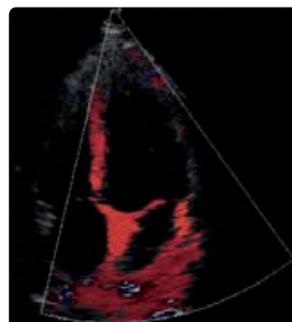
**Full screen view to enhance details' visualization**

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.

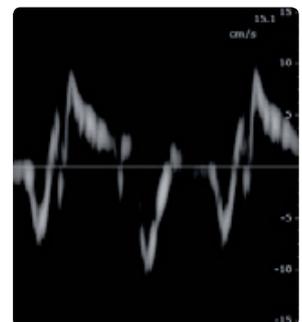


▀ Exceptional cardiac imaging

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.



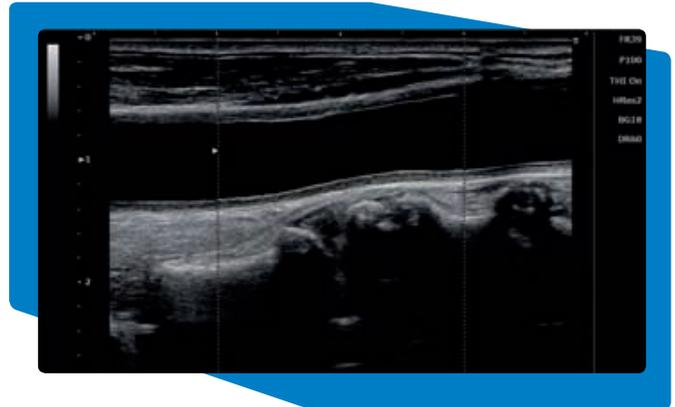
2D-TDI



PW-TDI

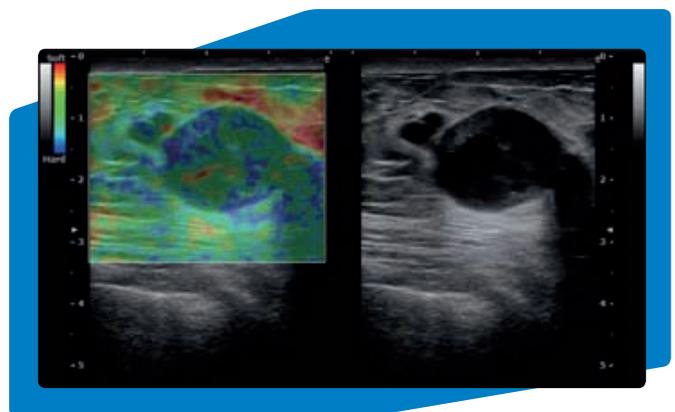
### Auto IMT measurement

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

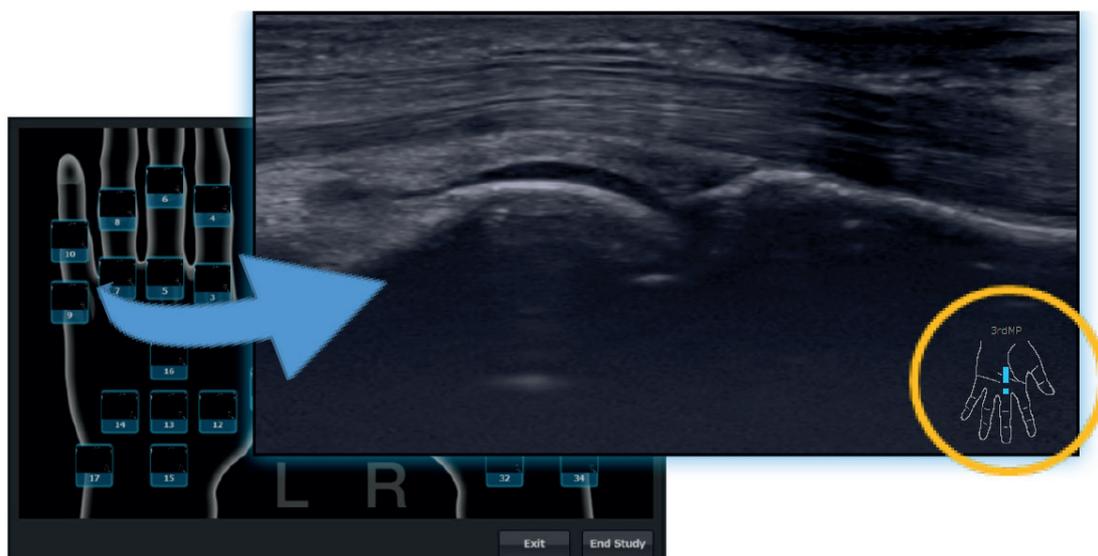
Strain Elastography is an advanced real-time qualitative imaging method displaying the relative stiffness of tissues. Next to the premium B-mode image and high-sensitivity Doppler standard delivered by Sonimage HS1, Elastography is an additional powerful tool providing further clinical information, in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



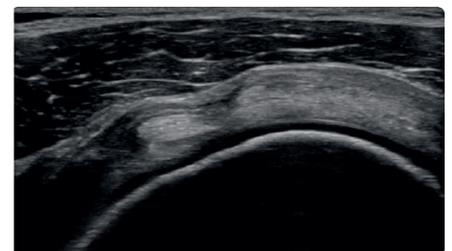
HL18-4  
Hockey stick linear probe



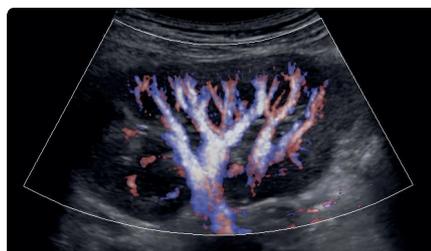
Thyroid B mode



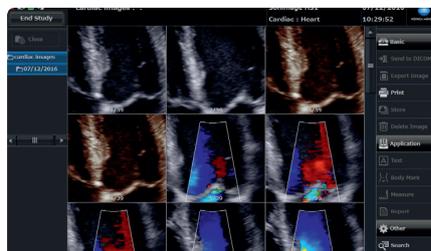
Liver B mode



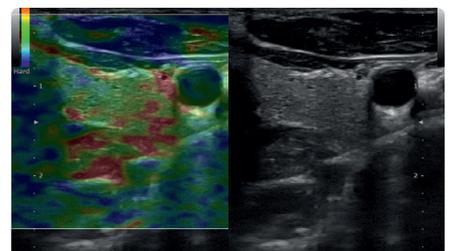
Biceps tendon Rotator interval



Kidney SCF mode



Cardiac overview



Thyroid Elastography mode

“EXCEPTIONAL DIAGNOSTIC POWER  
REAL EASE OF USE  
HIGH VERSATILITY”



 **Made in Japan**

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.



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