



KONICA MINOLTA

U L T R A S O U N D S Y S T E M
SONIMAGE HS1



KONICA MINOLTA



Giving Shape to Ideas

Hand-Carried Ultrasound designed for you

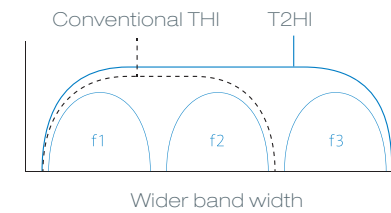
The SONIMAGE HS1 is a Point-of-Care portable ultrasound system designed to support a wide range of applications and patient types. The system delivers an advanced technologies to ensure excellent image quality and efficient workflow.



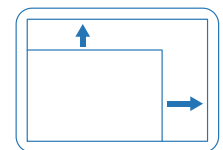
Imaging Performance

Konica Minolta's advanced technology features allow improved image detail and contrast resolution that provide precision diagnosis and better patient outcomes

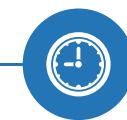
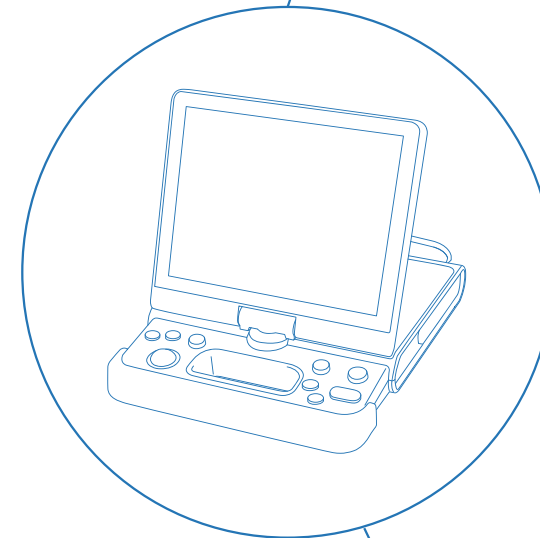
more than **20%**



133%



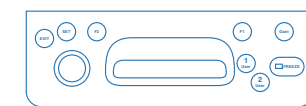
Bigger image area



Workflow Efficiency

Simple console and intuitive touch screen increase flexibility for different user preferences and workflow situations

8 buttons



Easy operation

1 touch



Fewer clicks



Sustainability

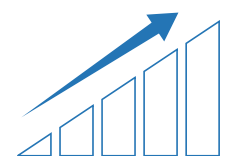
Hand-Carried Ultrasound you invest realizes not only increasing throughput also accessing to advanced imaging technologies

Transducer versatility



Versatility

Upg radability

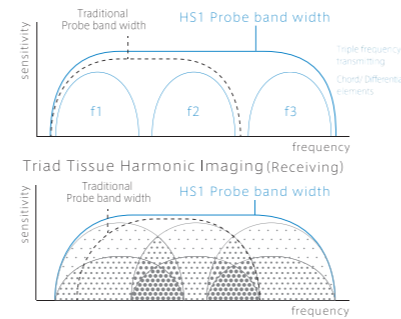
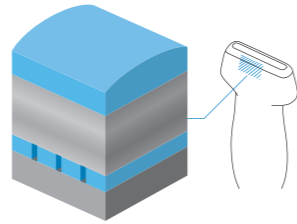




Enhanced Clarity

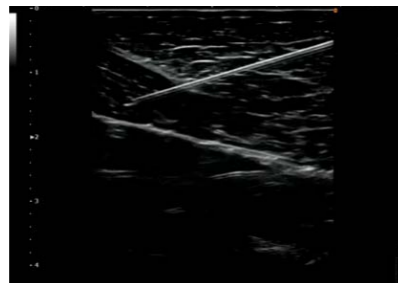


- Low attenuation acoustic lens
- Multi-layered acoustic matching layer
- Micro processing technology



The L18-4 probe provides exceptional image quality with an advanced level of Tissue Harmonics "Triad-THI", and it is particularly ideal for superficial.

Increased Confidence



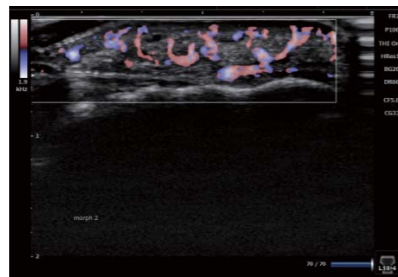
Simple Needle Visualization



SNV + Trapezoid mode

Simple Needle Visualization (SNV) improves detection of the needle tip in both in-plane and out-plane approaches. Also, a new function "Auto Steer" automatically detects the insertion of the needle and adjust the beam accordingly.

More Precise



Simple Clear Flow provides increased detection of low velocities, resulting in increased diagnostic confidence.



It enables to change depth up to 1cm without any image deterioration.

Stream lined console

Designed based on Voice of Customers

The console has been streamlined to include only the eight most frequently used keys. The result is improved workflow efficiency.



Intuitive operation

Customizable touchscreen and layout

HS1 has been optimized to facilitate superior workflow. Customizable touchscreen display allows you to suite your personal preference and provide you with one-button to access major imaging mode and function.



The HS1 is designed with ergonomic features to improve efficiency and throughput.

Increase throughput

Full Screen viewing to make a procedure easy

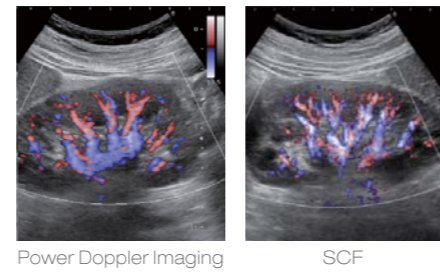
It enables to change up to 133% bigger image area and observe the images from some distance. Since you could place the system to the opposite side of the patient bed, you might be able to take some procedure without taking your eyes off.





Exceptional blood flow sensitivity

SCF (Simple Clear Flow) provides increased detection of low velocities, reducing in increased diagnostic confidence.

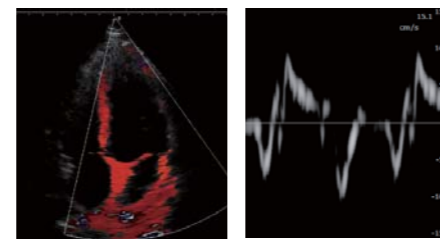


Power Doppler Imaging

SCF

Exceptional cardiac imaging

Tissue Doppler Imaging (TDI) displays the speed of cardiac muscle motion in color and/or over a period of time. This allows for the ability to evaluate multiple structures and segments in a single view.



2D-TDI

PW-TDI

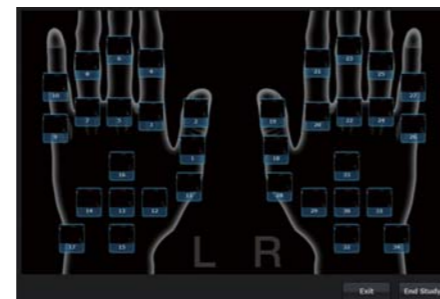
Auto IMT measurement

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.



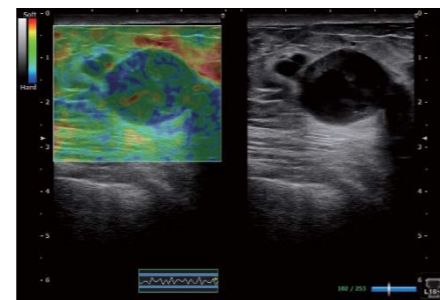
RA workflow

Konica Minolta's unique RA solution works because it was built by rheumatologists just for you. It is designed to custom fit your workflow and improves throughput by performing RA scanning without touching any buttons.



Strain Elastography

This is a unique real-time qualitative imaging method that calculates and displays the relative stiffness of tissue. It also provides further clinical information for assessment of superficial lesions.



L18-4 High frequency linear probe



L14-4 Linear probe



L11-3 Linear probe



HL18-4 High frequency linear probe



C5-2 Convex probe



MC10-3 Micro-convex probe



EC9-3 Endo-cavity probe



S4-2 Sector probe



【Specifications】

Scan method	Convex, Linear and Sector
Monitor	15-inch IPS monitor
Dimension	W 369mm x D 452mm x H 90mm (when folding the monitor)
Power consumption	AC100V, 50/60Hz, max. 180VA (when using AC adapter)
Weight	7.8kg ± 10% (System only and including battery)