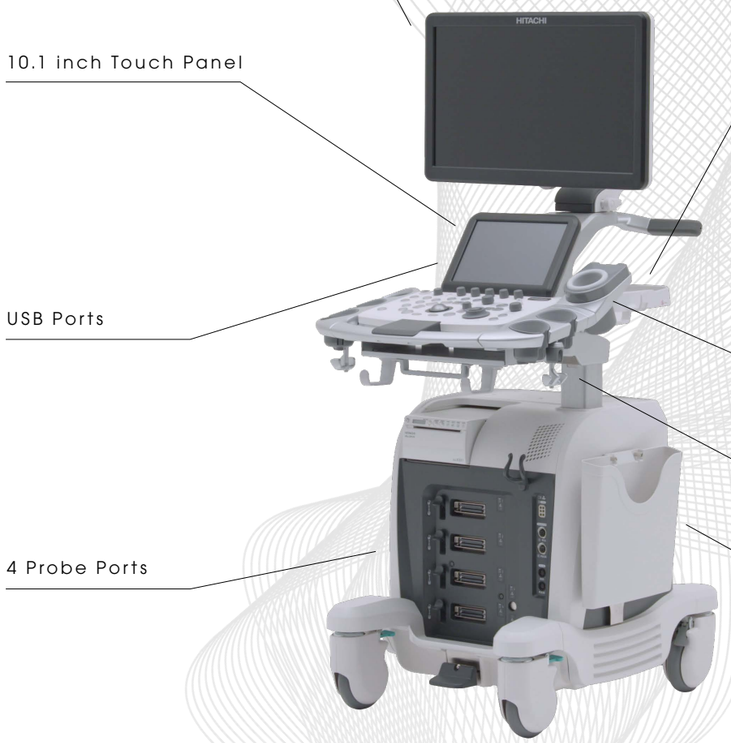
HITACHI
Inspire the Next

ARIETTA 65



(W) 533 × (D) 742*2 × (H) 1265 to 1635mm
Weight: 85kg
HDD: 500GB
Power Capacity: 750VA
Battery*1

*1 Option
*2 When monitor arm is folded

Learn more about the ARIETTA 65
http://www.hitachi.com/businesses/healthcare/usportal/arietta_65/index.html

Innovating Healthcare, Embracing the Future

For a society where all can enjoy a secure, safe, healthy way of life, Hitachi delivers innovation for implementing healthcare services tailored to individuals.

Hitachi, Ltd. Healthcare Business Unit (Excluding regional sales bases) is certified as complying with the International Environmental Management System (ISO 14001).

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www.hitachi.com/healthcare

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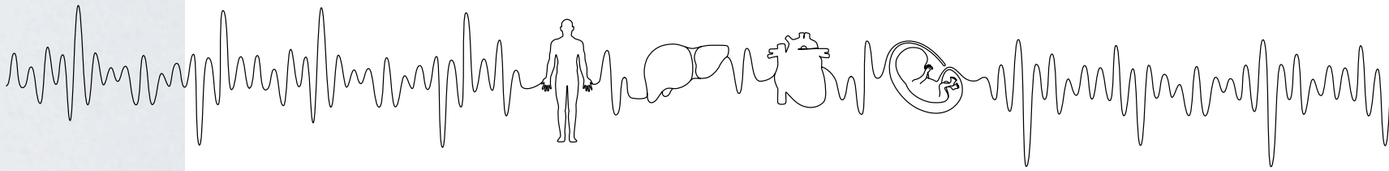
Streamline Your Practice

It's time to rethink the way you work.

Sense and Visualize Ultrasound



SMOOTH
WORKFLOW

← Reproducibility →

Protocol Assistant and automated measurements for quick and consistent examinations

← Versatility →

Ergonomic design and easy to use tools for diverse clinical application

Migration of our top-performing imaging technologies for detailed evaluation

← Precision →

SUPERB
IMAGING

SIMPLE to use
APPLICATIONS

Expertly designed to optimize productivity.

As the pioneer of diagnostic ultrasound, Hitachi has more than 50 years of experience developing innovative ultrasound technologies. We believe that optimizing productivity can lead to improved outcomes, and that reproducible, precise imaging and a versatile system can make your ultrasound examinations more productive. Now, we have made productive exams more realizable with the release of our latest ultrasound system. Introducing the ARIETTA 65 — combining productivity-enhancing tools and technologies under the concepts of Smooth Workflow, Superb Imaging, and Simple to use Applications, to help you optimize productivity and streamline your practice.

ARIETTA 65

Learn more about the ARIETTA 65

http://www.hitachi.com/businesses/healthcare/usportal/arietta_65/index.html

SMOOTH
WORKFLOW

Streamlined features
for reproducible examinations
and efficient everyday operation

Ergonomic Design

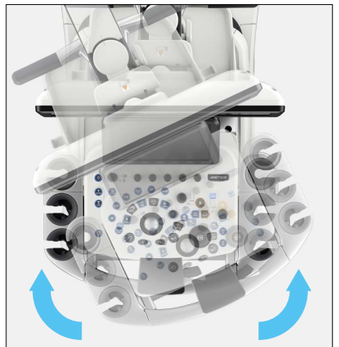
Succeeds the ergonomic design perfected in our premium models to help you scan more comfortably.

360° Articulating Monitor Arm

Optimize viewing angle and distance by repositioning the monitor to facilitate examinations in a variety of clinical settings.

Rotating Operator Console

Swivel the console for more comfortable operation, so that the switch layout matches the angle of your arm.



Adjustable Panel Height

Raise or lower the console to ease physical impact and scan in the style that best suits your workflow.

Streamlined Operating Console

Designed to facilitate routine examinations, the ARIETTA 65's operating console does not just simply reduce the number of physical keys. Button placement is optimized to prevent unnecessary, complicated, or accidental keystrokes.

Optimized Control Placement

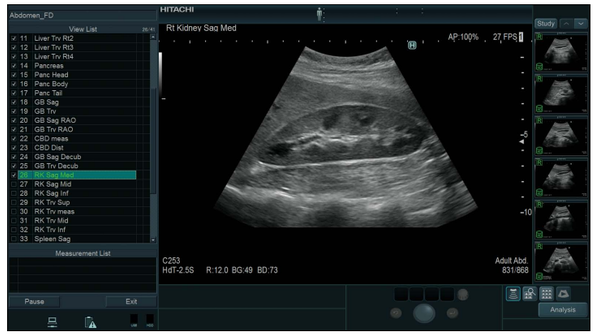
The most frequently used controls are placed around the trackball.

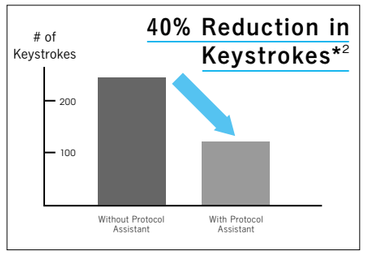
Easy Operation

The adoption of virtual TGC sliders contributes to the console's spacious layout and makes it easier to customize imaging parameters.

Protocol Assistant*1

Prompts you through the exam following your previously registered protocols and automatically prepares the next tool or window as dictated for each step in the exam. This significantly reduces keystrokes and prevents duplications or omissions as you store images, take measurements, and add body marks or annotations.



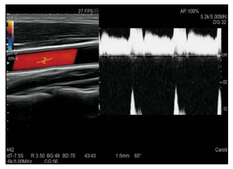


Auto Optimizer

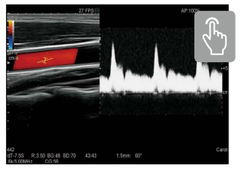
Enhance B-mode and PW-mode images with just one control. Gain values in B-mode, or base line position & velocity range in PW-mode, are automatically adjusted.

Before Gain Adjustment

After Gain Adjustment



Before PW
Waveform Adjustment



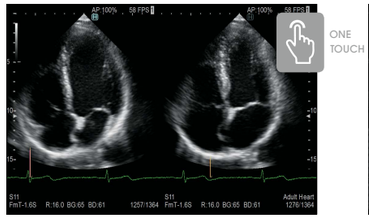
After PW
Waveform Adjustment

Cardiac Functions

Equipped with automated tools for faster, smoother cardiovascular examination, building on data acquired by our premium systems.

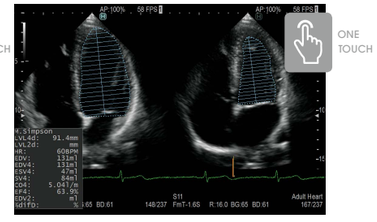
Automated ED/ES Detection

Automatically displays ED and ES frames in split screen view.



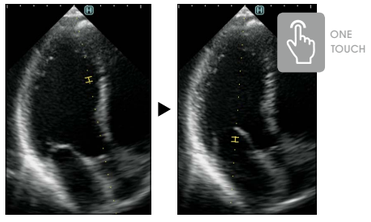
Automated Measurements*1

Automatically measures values used in calculations to assess cardiac function, such as EF.



Automated Sample Gate Alignment

Automatically sets the cursor position of the sample volume gate.



Before
Auto Alignment

After
Auto Alignment

Battery*1

Quickly and easily move the ARIETTA 65 to accommodate bedside examinations, emergency care, or scenarios that necessitate changing rooms. No need to power down the machine before moving it — just unplug the ARIETTA 65 and go.

(Possible to scan in battery mode)

*1 Option

*2 Approximation based on internal study

SUPERB IMAGING

Migration of our top-performing imaging technologies for enhanced diagnostic confidence and precision

HI REZ

Emphasizes structural boundaries and enhances contrast resolution to produce images with greater clarity.

Compound Imaging

Enhances visualization of tissue boundaries by transmitting beams in multiple directions, thus reducing artifacts experienced when using a single beam path.

ANR Acoustic Noise Reduction

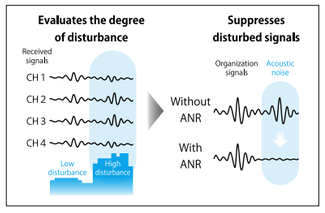
Analyzes the received signal of each channel in real-time, and suppresses signals that disturb the imaging.

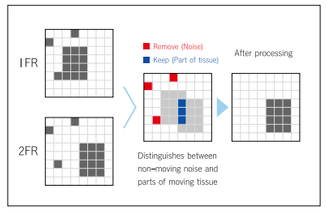
NNR Nearfield Noise Reduction

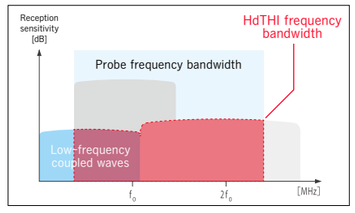
Distinguishes and removes acoustic noise by analyzing signal changes accompanying movement of the living body. This enables clearer visualization of tissue structures.

HdTHI

Improves spatial resolution and penetration by broadening the harmonic frequency bandwidth.







Trapezoidal Scanning

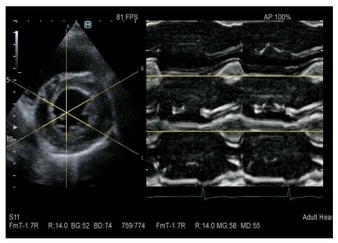
Offers a wider field of view with linear transducers, enhancing the visualization of vessels, organs, and the tissues around them.

*e*FLOW

High spatial resolution produces an accurate display of blood flow confined within the vessel walls, even in fine vessels.

Free Angular M-mode (FAM)*1

M-mode can be displayed using any cursor orientation, enabling the comparison of wall motion or value excursion from multiple angles in the same heartbeat.



See the full image gallery

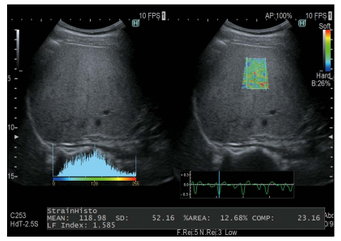
http://www.hitachi.com/businesses/healthcare/usportal/arietta_65/image_gallery/

SIMPLE to use APPLICATIONS

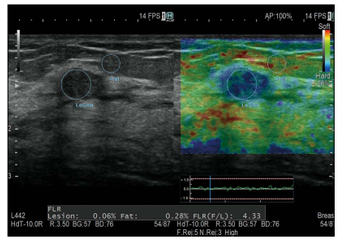
Tools for diverse clinical use and detailed evaluation

Real-time Tissue Elastography (RTE)*1

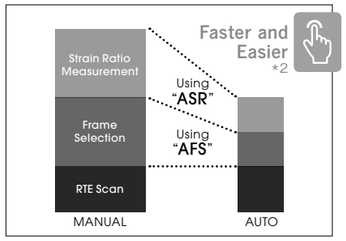
Assesses tissue strain in real time and displays the measured differences in tissue stiffness as a color map. Its application has been validated in a wide variety of clinical fields: for the breast, thyroid gland and urinary structures. Using the abdominal convex transducer, it can also provide an estimation of liver fibrosis staging in patients with hepatitis C (LF Index)*1.



Abdomen



Breast



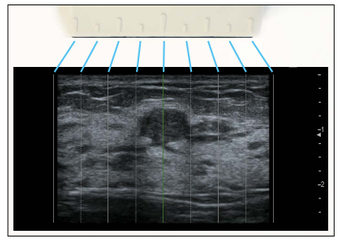
Automation Tools*1 ※ AFS: Auto Frame Selection ※ ASR: Assist Strain Ratio

Needle Emphasis (NE)

Enhances needle visibility to assist in safe and accurate procedures.

Marking Assist

Lines displayed in B-mode imaging correspond to markers on the transducer head.



Contrast Harmonic Imaging (CHI)*1

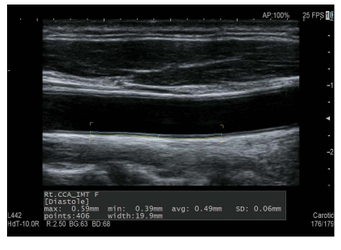
Widely-used imaging technique that provides homogeneous enhancement throughout the field of view to enhance diagnostic capability.

Panoramic View*1

Images taken by gradually moving the probe across the target organ are assembled into a single, elongated image, for enhanced diagnostic precision.

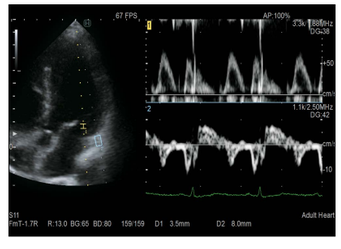
Auto IMT*1

Automatically measures the Intima-Media Thickness (IMT) following the placement of an ROI on the long axis view of the carotid artery.



Dual Gate Doppler

Makes it possible to observe Doppler waveforms from two locations simultaneously. This enables LV diastolic performance indicators, such as the E/e' Ratio, to be measured during the same heartbeat.



2D Tissue Tracking (2DTT)*1

Speckle tracking technique that quantifies and analyzes movement of the entire left ventricle or local movement of the myocardium.

*1 Option

*2 Approximation based on internal study