

HITACHI
Inspire the Next



ARIETTA 50

Multispecialty Ultrasound System



Ultrasound Solutions Clearly Defined™



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21.5 inch Widescreen Monitor

The high contrast LCD monitor with a wide field of view displays images with high sensitivity and resolution, reducing patient-dependent image variability.

Palm Rest

Adjustable Panel Height/ Rotation

It is possible to adjust the height and rotation of the operating console to best suit the operator and examination to be performed.

Easy-to-use Touch Screen Panel

The touch screen panel is mounted at a comfortable and convenient angle. The screen's layout is customizable by clinical application, allowing for intuitive operation.

One-Step Caster Lock

We incorporate 4 swivel lock casters for a very mobile system that can easily be locked with one step.



ERGONOMICALLY DESIGNED TO MAXIMIZE FUNCTION AND FLEXIBILITY

The Arietta 50 was designed to provide easy operation from beginner through seasoned expert. Its outstanding easy-to-view 21.5 inch monitor and intuitive, user-friendly operation will be a perfect fit for your practice.

ARIETTA 50 ERGONOMICS

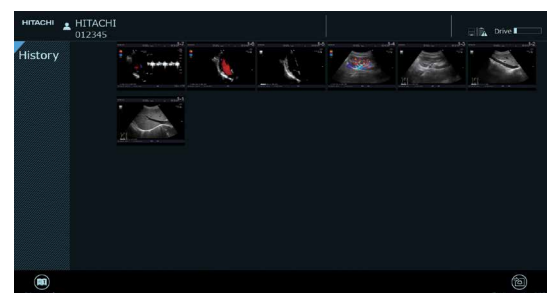
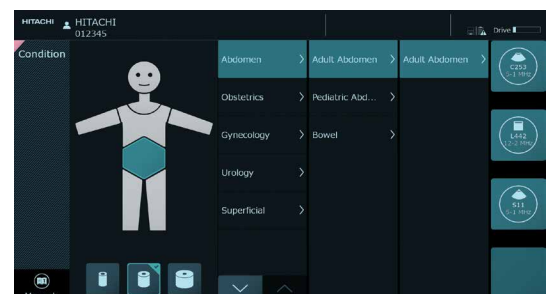
Adjust monitor angle, height, and orientation of the panel according to the examination style. Performing examinations in a natural posture can help to reduce the occurrence of examiner fatigue and musculoskeletal disorders.

- **Simplified Operating Console**
Minimalized layout includes only the necessary controls. Reduces time searching for the right button, offering a more pleasant operating experience.
- **Rotating Operator Console**
Swivel the console for more comfortable operation, so that the switch layout matches the angle of your arm.
- **Adjustable Monitor**
Adjust monitor orientation and angle for comfortable examination.
- **Adjustable Console Height**
Raise or lower the console to ease physical impact and scan in the style that best suits your workflow

USER-FRIENDLY INTERFACE

Supports smooth and intuitive operation.

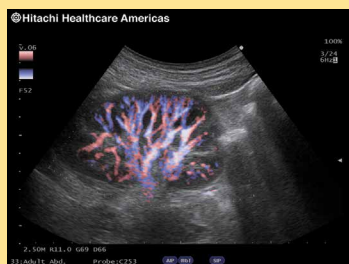
- **Examination Area and Transducer Selection**
Select an examination area from the illustration to start operation.
- **Scan using a Previous Setting**
Choose a patient's previously-acquired image and the system will adjust to the same exam settings; invaluable for follow-up comparisons.



Since their inception, today's ultrasound systems have progressed to become essential medical devices not only in examination rooms but in non-traditional locations as well. Arietta 50 is an easy-to-use diagnostic ultrasound solution for physicians in the office or clinic setting. The Arietta 50 platform provides the ultimate in clinical performance with state-of-the-art features traditionally seen on premium systems packed into its user-friendly design.



ADVANCED IMAGE QUALITY AND FEATURES PROVIDE RELIABLE EXAMINATIONS FOR YOUR PRACTICE



High-Resolution B-Mode Imaging

High-resolution B-mode imaging is recognized as the key requirement for observation of potential morphological abnormalities. Arietta 50's high contrast resolution allows detailed observation.

eFlow

eFLOW is a flow mapping technology that enables accurate and detailed depiction of blood flow dynamics. Its exceptional spatial resolution allows accurate delineation of both fine and larger blood vessels.



Trapezoidal Scanning

Offers a wider field of view when scanning with linear probes, enhancing the visualization of vessels, organs, and the tissues surrounding them.

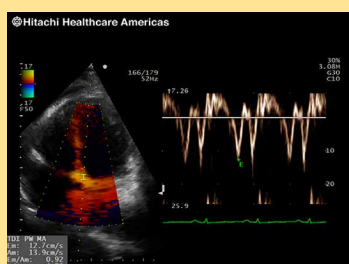


Dynamic Slow-motion Display (D.S.D)

Displays real-time imaging and its slow-motion counterpart side by side on the same screen, enabling the observation of rapid valve movements in detail.

Silky Image Processing (SIP)

This adaptive image filter has further evolved to reduce speckles and boost edge enhancement, generating clearer images for easier interpretation.

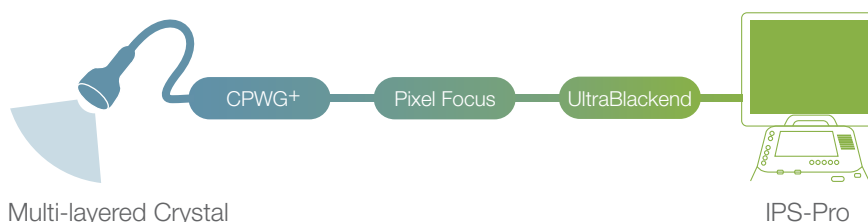
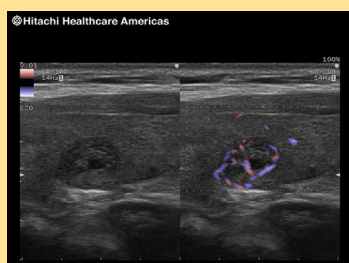


Multi-Layered Crystal

Using multiple layers of crystal within each element, Hitachi Healthcare's probes minimize signal attenuation during transmit and receive to increase penetration.

Symphonic Technology

The advanced architecture of the Arietta 50 has been redesigned to capture the subtlest of changes and produce incredibly high quality "sound".



State-of-the-Art Functionality

AN APPLICATION-RICH PLATFORM FOR PRECISE IMAGING



Hitachi Healthcare understands the demand for the best technology, professional support and the specialized tools necessary to perform comprehensive real-time ultrasound imaging for outstanding patient care. Arietta 50 continues our dedication and commitment by providing a powerful platform with incredible image quality, unsurpassed system reliability and intuitive use of cutting edge technology.



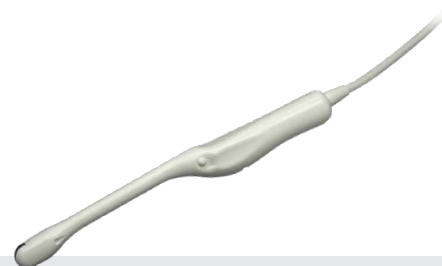
High Density Transducers



Needle Guide
EZU-PA7C1



C253 Abdominal Imaging
and Biopsy
5-1 MHz | 70° (50 mmR)



Protek
Needle Guide
5370



C41V1 Endocavity Imaging and Biopsy
10-2 MHz | 200° (10 mmR)



Needle Guide
EZU-PA7L1



L442 Vascular, Small Parts
Small Footprint
12-2 MHz | 38 mm



Needle Guide
EZU-PA7L2



L55 Breast, Small Parts, Thyroid
13-5 MHz | 50 mm



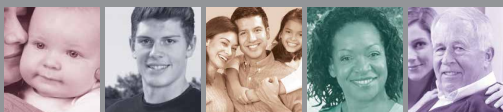
L53K Superficial Vascular
Hockey-Stick Linear Array
15 – 3 MHz | 25 mm Width | Linear



S11 Abdomen, Cardiology, Transcranial
5 – 1 MHz | 90°



UST-2265-2 Independent
CW Doppler
2 MHz



Ultrasound Solutions Clearly Defined™