

HITACHI
Inspire the Next



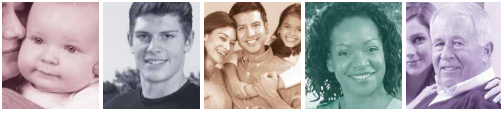
ARIETTA 70
NEXT GENERATION ULTRASOUND SYSTEM

Ultrasound System for Cardiology



Ultrasound Solutions Clearly Defined™





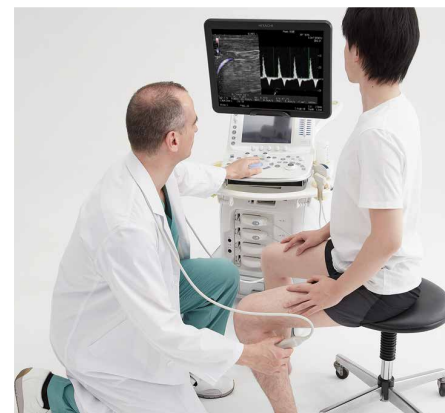
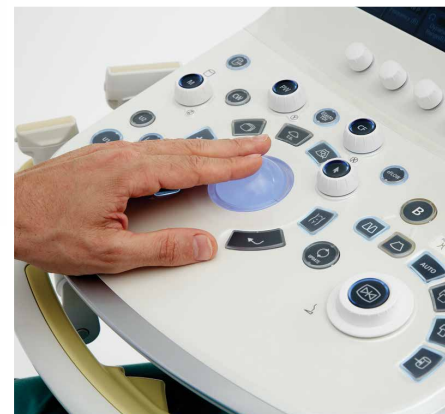
Ultrasound Solutions Clearly Defined™

State-of-the-Art Functionality

**AN APPLICATION-RICH PLATFORM
FOR PRECISE IMAGING**



Hitachi Healthcare understands that cardiologists demand the best technology, professional support and the specialized tools necessary to perform comprehensive real-time ultrasound imaging for outstanding patient care. Arietta 70 continues our dedication and commitment to cardiologists by providing a powerful platform with incredible image quality, outstanding system reliability and intuitive use of cutting edge technology. Hitachi Healthcare remains the standard in the field of diagnostic ultrasound.





ARIETTA 70

NEXT GENERATION ULTRASOUND SYSTEM
For Cardiology

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 70 is the definitive diagnostic ultrasound solution for cardiologists in any clinical setting - Private Office, Imaging Center, or Hospital. The Arietta platform provides the ultimate in clinical performance with its state-of-the-art features and large user-friendly display.

The Arietta 70 has many advanced capabilities required for cardiovascular applications. Features such as LV eFlow, Dual Gate Doppler, Eyeball EF, 2DTT and FAM support detailed evaluations. Additionally, applications like VFM, eTracking and Wave Intensity move hemodynamic evaluations beyond the basics.

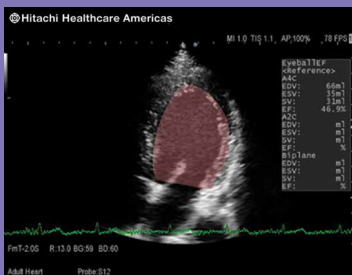


ADVANCED IMAGE QUALITY AND FEATURES PROVIDE RELIABLE EXAMINATIONS FOR DIAGNOSTIC IMAGING



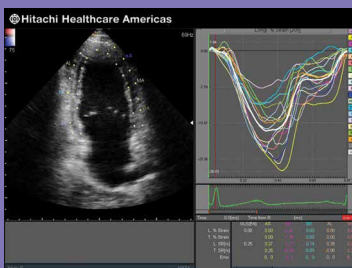
Dual Gate Doppler

Enables observation of Doppler waveforms from two separate locations during the same heart cycle. Measurements such as the E/e' ratio can be measured, eliminating beat-to-beat variation.



Eyeball EF

Automatic tracing of the endocardium based on a built-in database of multiple tracings.



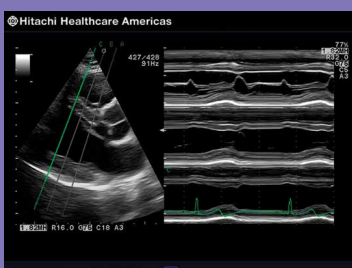
2D Tissue Tracking (2DTT)

It is very simple to set the contours of the myocardium with the 2DTT in order to fit the endo and epicardium and easily assess the parametric data and images. The 2DTT provides precise quantitative measurements and information to visualize, quantify and analyze the myocardial mechanics.



LV eFlow

LV eFLOW is a noninvasive, high-definition blood flow imaging mode which drastically improves spatial and temporal resolution to improve visualization of the endocardial border in the left ventricle with higher sensitivity and resolution than with conventional methods. LV eFlow may change a technically difficult study into a diagnostic study without using contrast.

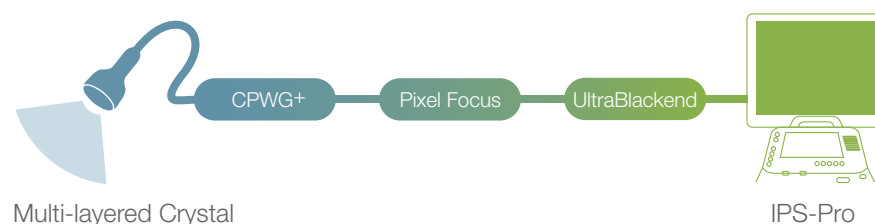


Free Angular M-Mode (FAM)

Three M-Mode lines can be set at any position and angle simultaneously, thus eliminating the complications involved with usual ultrasound systems in getting accurate measurements when the conventional view cannot be acquired. Additionally, wall motion at different positions can be compared simultaneously, making it possible to accurately measure an eventual delay.

Symphonic Technology

The advanced architecture of the Arietta 70 has been redesigned to capture the subtlest of changes and produce the highest-quality "sound".



FLEXIBILITY



ERGONOMICALLY DESIGNED TO MAXIMIZE FUNCTION AND FLEXIBILITY

The Arietta 70 was designed to provide maximum scanning comfort, along with state-of-the-art technology, and outstanding image quality that meets and exceeds the needs of every cardiologist. The panel height is adjustable for lower extremity examinations, and the entire system is 45% lighter than previous models. The two-way multi rotary encoders enable function adjustment in one control—which enhances examination efficiency and supports comfortable operation.

Arietta 70 Ergonomics

The importance of ergonomically designed ultrasound systems cannot be understated. The Arietta 70 was designed to minimize repetitive stress while maximizing flexibility across your hospital, imaging center and private practice.

Lighter by 45%

We have achieved a weight reduction of 45% compared to our previous models. Combined with the adoption of large-sized casters, it makes the system very mobile.

User-friendly Operation Panel

Two-way multi rotary encoders enable the adjustment of many functions in one control, significantly reducing hand and arm movements. The large palm rest at the center of the operating console is designed to give optimum wrist support.

Adjustable Panel Height

The panel height can be lowered to 70 cm, allowing the operator to perform lower extremity examinations with a safe, comfortable reach to the operating console.





Ultrasound Solutions Clearly Defined™



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