



**ARIETTA 65**  
EXPERTLY DESIGNED  
TO OPTIMIZE  
PRODUCTIVITY

the next level in ultrasound imaging



## ARIETTA 65

ARIETTA 65 has been designed to perform quick and precise diagnoses in general imaging without compromising on productivity and workflow. This ultrasound platform excels through ergonomic design, reducing examiner fatigue and facilitating examinations in a variety of clinical settings.

Expertly designed to  
optimize productivity

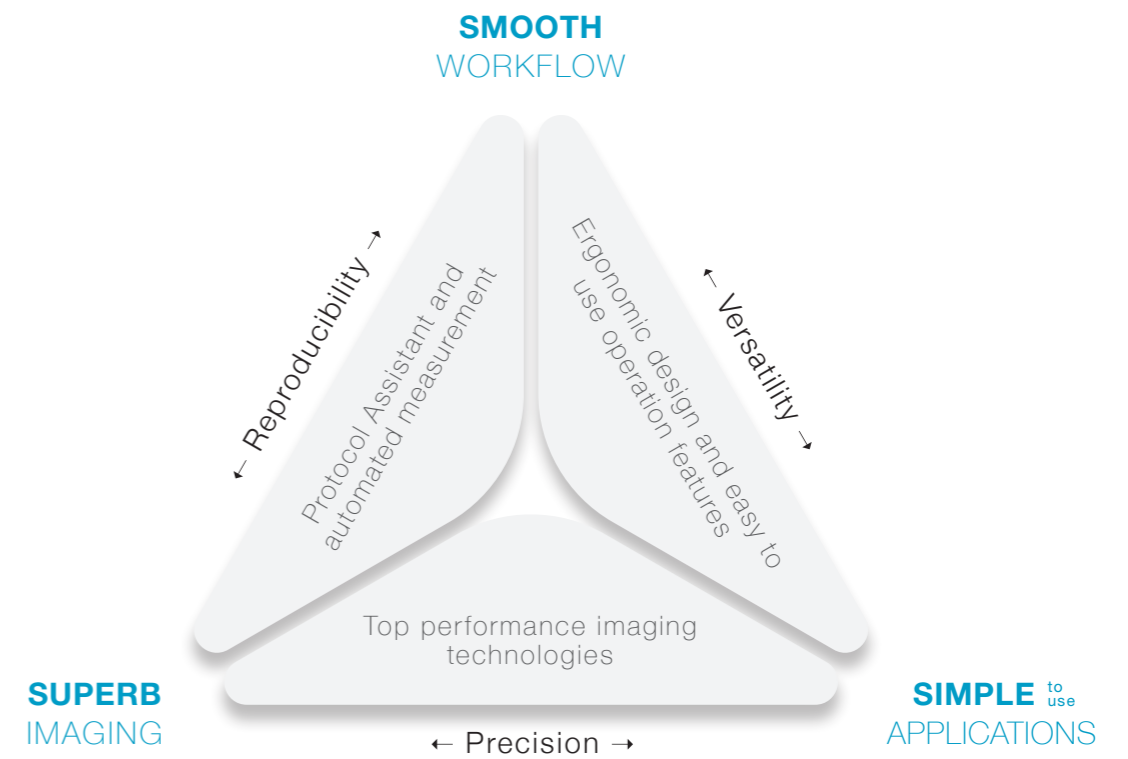
# It's time to rethink the way you work



As the pioneer of diagnostic ultrasound, FUJIFILM has more than 50 years of experience in developing innovative ultrasound technologies.

ARIETTA 65 combines productivity, enhanced tools and technologies for:

- Smooth workflow and productivity
- Superb imaging and accurate diagnosis
- Simple to use applications and streamlined practice



## Sense and Visualize Ultrasound



# SMOOTH WORKFLOW

Streamlined features for reproducible examinations and efficient everyday operation



**ARIETTA 65**

## 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.



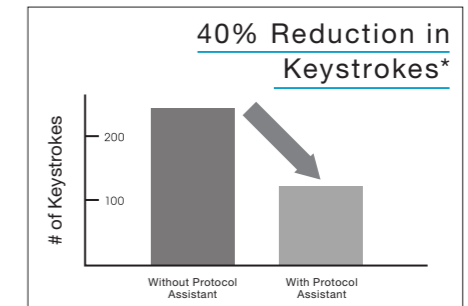
### Easy Operation

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



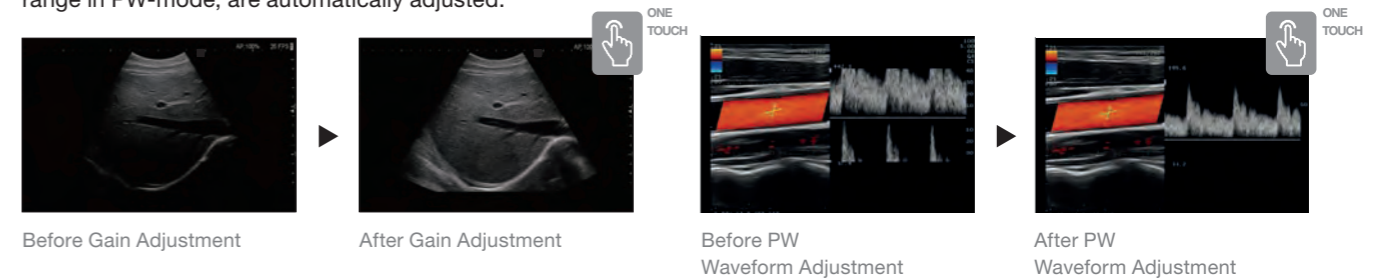
## Protocol Assistant

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 and velocity range in PW-mode, are automatically adjusted.

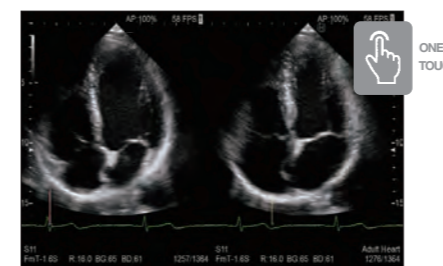


## Cardiac Functions

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

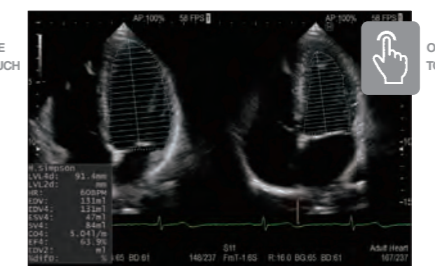
### Automated ED/ES Detection

Automatically displays ED and ES frames in split screen view.



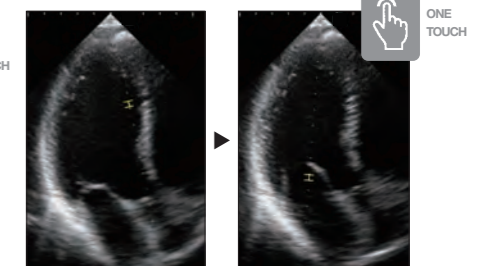
### Automated Measurements

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.



## Battery

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.

\* Approximation based on internal study

# SUPERB IMAGING

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



# SIMPLE to use APPLICATIONS

Tools for diverse clinical use, detailed evaluation and better productivity



**ARIETTA 65**



## HI REZ

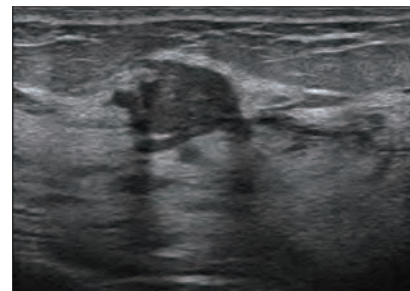
Emphasizes structural boundaries and enhances contrast resolution to produce images with greater clarity.

## Compound Imaging

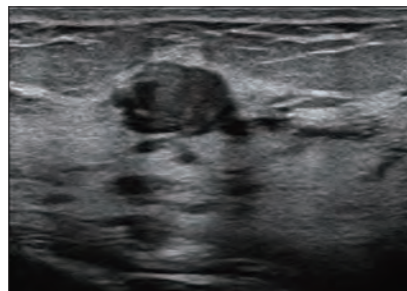
Enhances visualization of tissue boundaries by transmitting beams in multiple directions, thus reducing artefacts experienced when using a single beam path.

## Carving Imaging

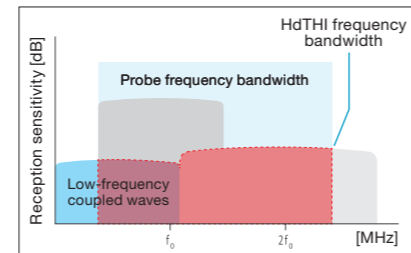
Accentuate even the lightest echoes across the image to spot tissue abnormalities early



OFF



ON



## HdTHI

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

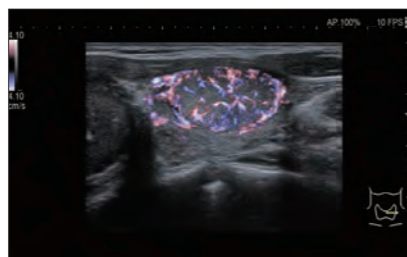
## Trapezoidal Scanning

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



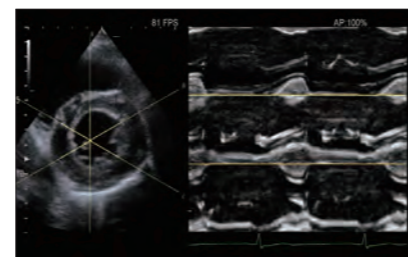
## eFLOW/DFI

High-resolution colour modes produce an accurate display of blood flow confined within the vessel walls, even in fine vessels.



## Free Angular M-mode (FAM)

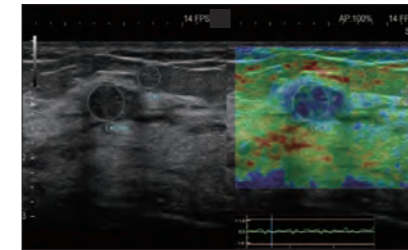
An anatomical M-mode to compare wall motion at multiple locations and angles simultaneously for diagnostic evaluation of wall motion within the same heart cycle.



# RADIOLOGY

## Real-time Tissue Elastography (RTE) and Shearwave Measurement (SWM)

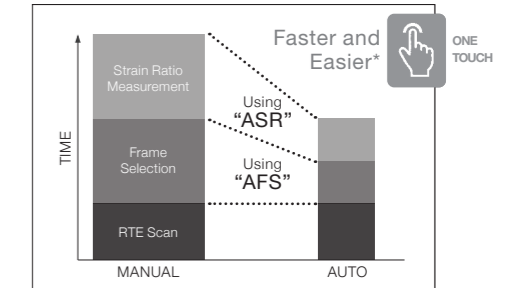
Visualize and quantify tissue stiffness from superficial to deep structures



Differentiate between soft and hard tissue, and calculate Fat Lesion Ratio in the breast with Real-time Tissue Elastography to further characterize breast lesion



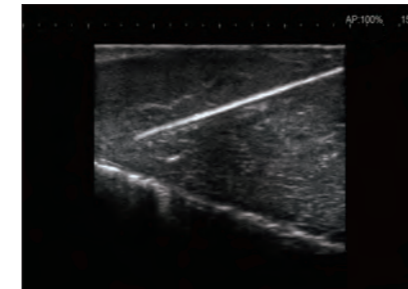
Judge the degree of liver steatosis with shear wave and attenuation (ATT) measurement to assess diffuse liver disease



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

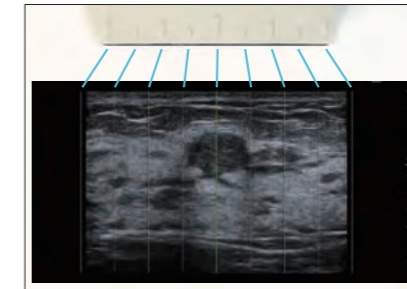
## Needle Emphasis (NE)

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)

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

## Panoramic View

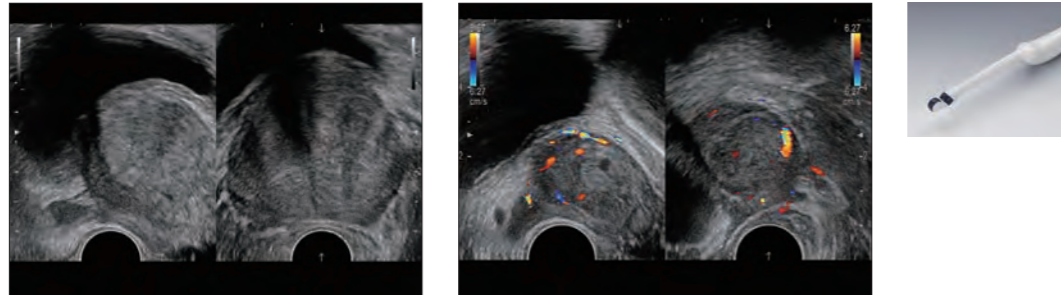
Images taken by gradually moving the probe across the target organ are assembled into a single, elongated image for enhanced diagnostic precision.

\* Approximation based on internal study

# UROLOGY

## Transrectal Transducer

Axial and sagittal view of the prostate side by side in Real-time. A wide range observation can be achieved with a viewing angle of 180 degrees.



# WOMEN'S HEALTH

## Foetal Visualization & Monitoring Tools

Display the foetus in realistic, Real-time 3D images for outer assessment, and check intracavity structures and biometric growth parameters



## Workflow Auto EFW

By analyzing the characteristics of the target and providing automatic setting of the measurement point, Auto EFW (Estimated Fetal Weight) facilitates measurement for fetal growth evaluation.



# SURGERY

## Intraoperative Transducers

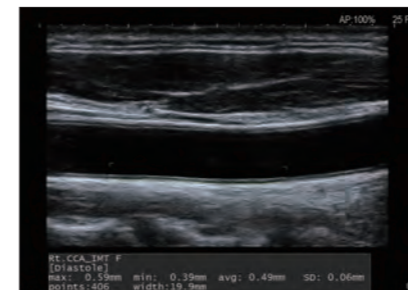
Versatile transducers are prepared by application: such as convex, laparoscopic, Drop-in and further more.



# CARDIOVASCULAR

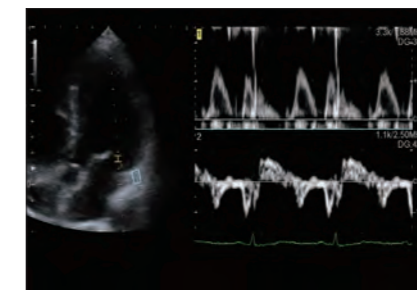
## Auto IMT

Automatically measures the Intima-Media Thickness (IMT) following the placement of a 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.



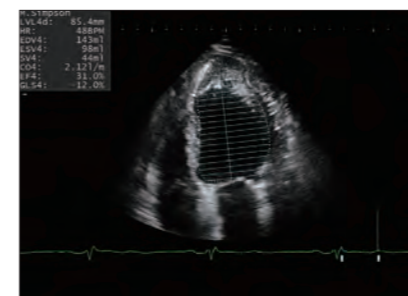
## 2D Tissue Tracking (2DTT)

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



## Global Longitudinal Strain (GLS)

Recent interest has been shown in the GLS, the ratio of change in LV endocardium length, which can be altered significantly in patients with heart failure even when a normal Ejection Fraction (EF) is maintained.





## ARIETTA 65

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- This brochure may contain descriptions of optional functions and products.
- Specifications and appearance may be subject to change for improvement without notice.
- For proper use of the system, be sure to read the operating manual prior to placing it into service.

**FUJIFILM**

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