



Focus & Fusion

Finus 70

Ultrasound Diagnostic System

Elegance and Excellence





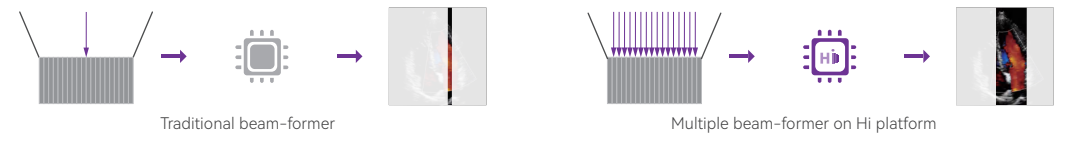
Finus 70

With 16x beamforming and single crystal transducers solution, Finus 70 provides excellent performance in both resolution and penetration.

Hi BF16 Advanced Platform

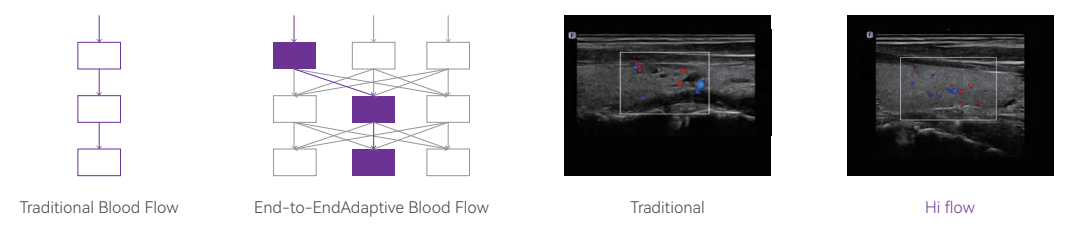
Hyper Imaging

“Hyper Imaging” is the 2nd generation beam forming technology. Multiple frames are acquired on every launch sequence for more detailed information.



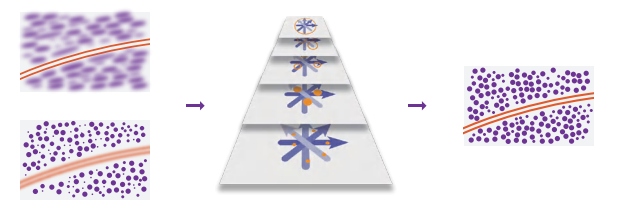
Hi Flow

Hi Flow uses the end-to-end adaptive blood flow algorithm, which can automatically choose the optimal data combination way after multiple times calculation, greatly improve the overall performance of blood flow.



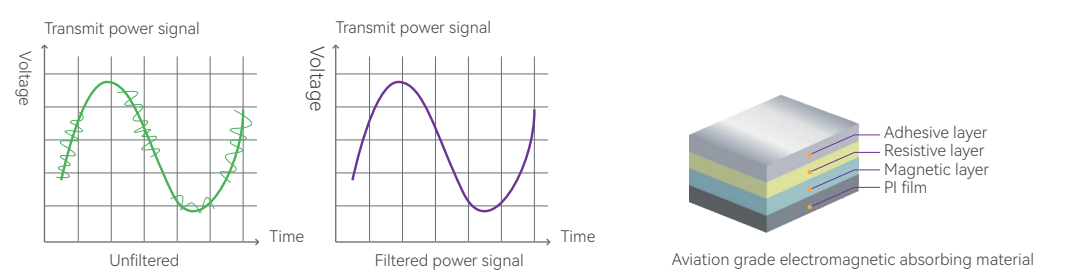
SNS+

Automatically detect and suppress the speckle noise based on multi-dimension algorithm. Acquire and enhance tissue details from different directions, easily capture sub-millimeter level lesion or large organ boarder.

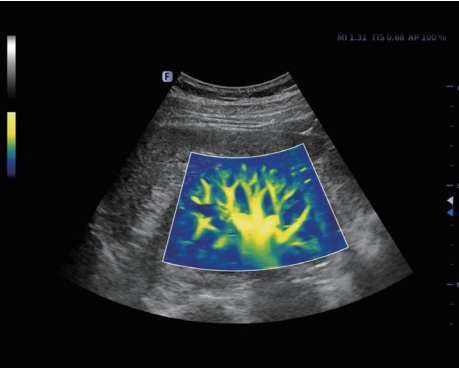


OMG Original Mag Guard

The electromagnetic guard processing of whole system is to prevent the ultrasonic signal from electromagnetic interference during the transmission process, to ensure the stability of the signal transmission, so as to obtain a clearer image.

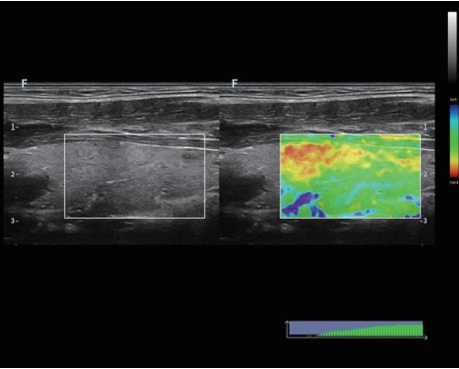


Diverse Applications



Micro Flow Imaging (MFI)

Accurately distinguishes between low-speed blood flow and tissue clutter, which is more conducive to the display of micro blood flow, enabling better detailed visualisation of microvessels and low-speed blood flows.

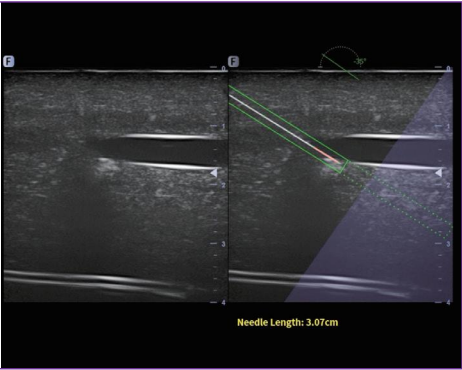


Elastography

Real time elastography is a new noninvasive and painless technique that can help determine the hardness of organs and other structures such as breast, thyroid. Elastic imaging provides users with dynamic visual information and displays the rigidity of organs, which is helpful for direct and quantitative diagnosis and treatment.

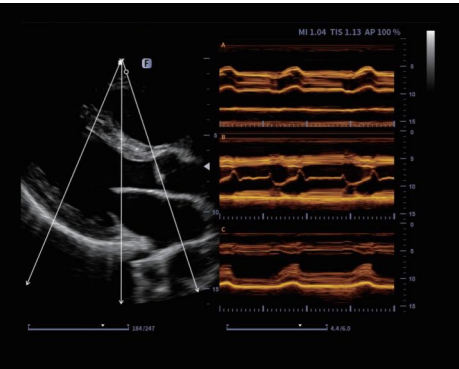
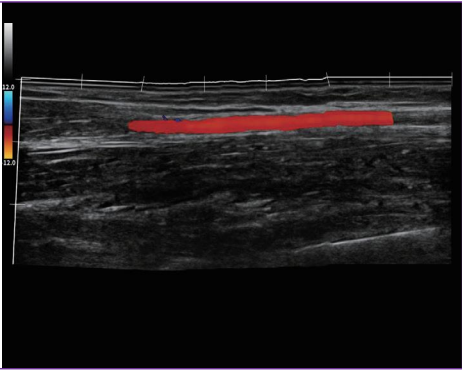
eBiopsy+

The image of the puncture needle is enhanced by the deflection of the acoustic beam, including needle enhancement, needle tip red rendering, virtual needle passage and scale line, supporting auto steering.



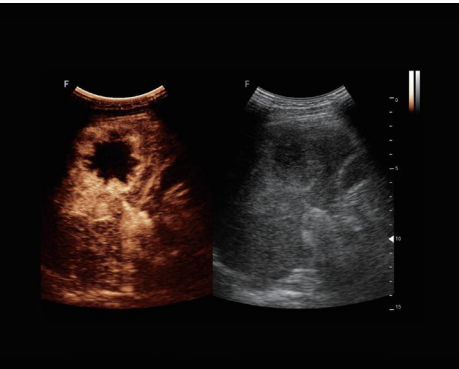
Color Panoramic

The extended field of view displays more image information without sacrificing image quality. A convenient approach for observing big-size organs, especially for MSK structure, which is applicable in both B and C modes.



AM

It is used to assess all segments including the inferoseptum and lateral regions that had been impossible for analysis, revealing regional heterogeneity, especially for patients with upturned apex.

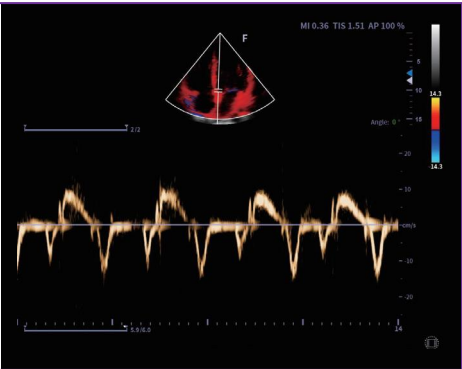


Contrast Imaging

Pulse inversion contrast-enhanced ultrasound imaging technology can accurately extract the second harmonic of contrast microbubbles, realize contrast-enhanced imaging with high contrast-to-tissue ratio, and provide more detailed diagnosis for clinic.

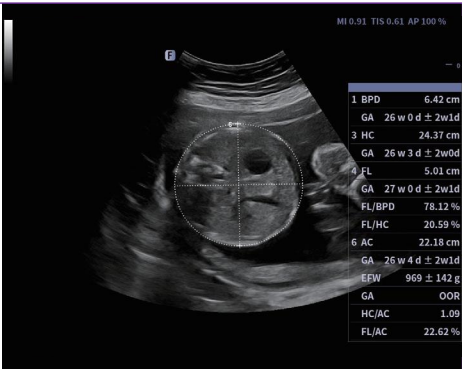
Tissue Doppler Imaging

Tissue Doppler Imaging (TDI) is a robust and reproducible echocardiographic tool that employs the Doppler effect to assess muscle wall characteristics throughout the cardiac cycle including velocity, displacement, deformation, and event timings. It has permitted a quantitative assessment of both global and regional function and timing of myocardial events.

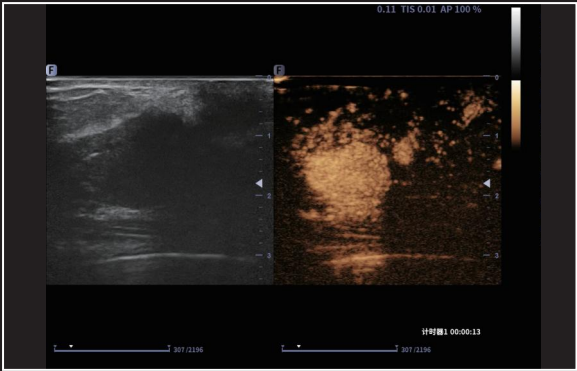
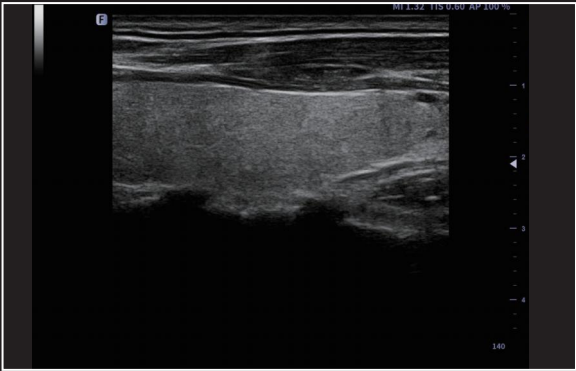
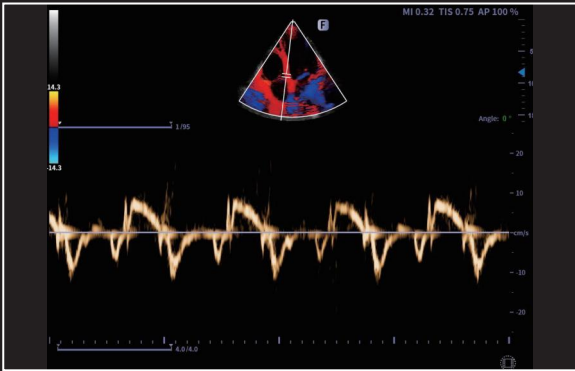
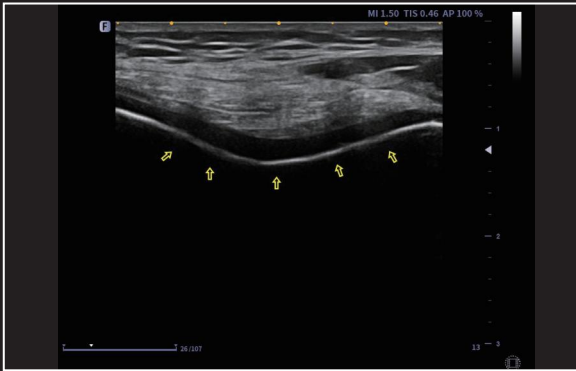
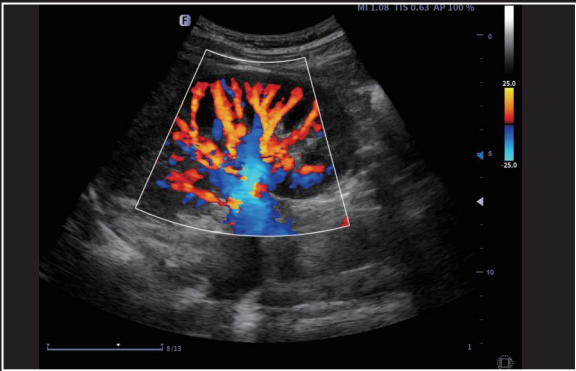
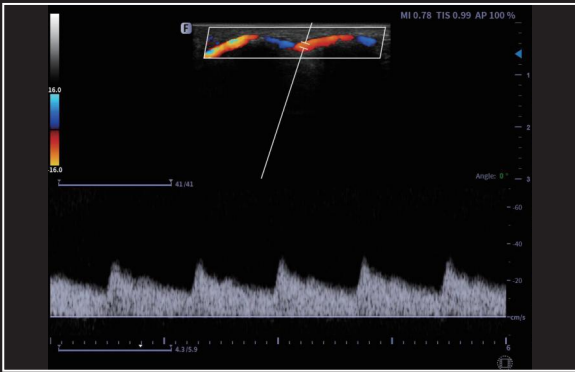
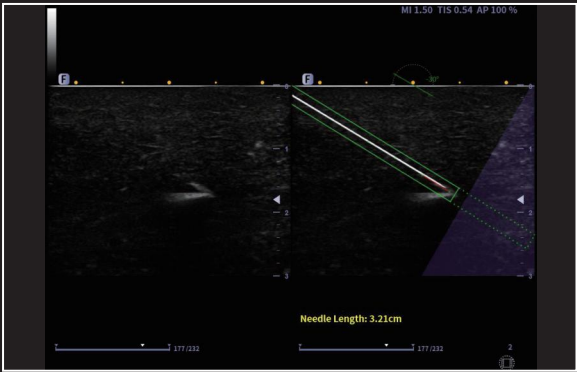
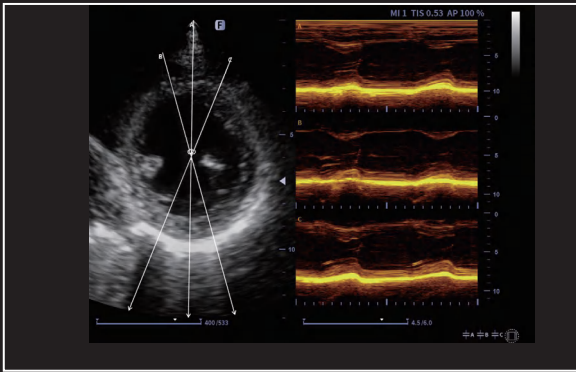
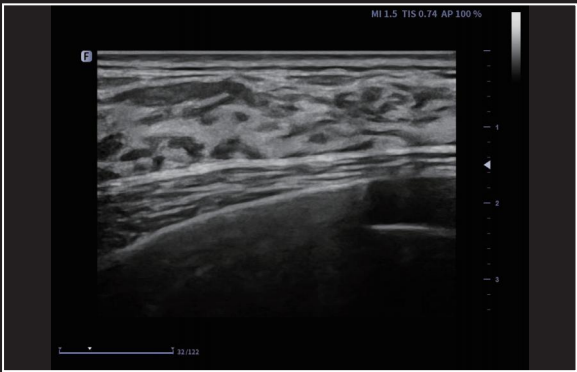
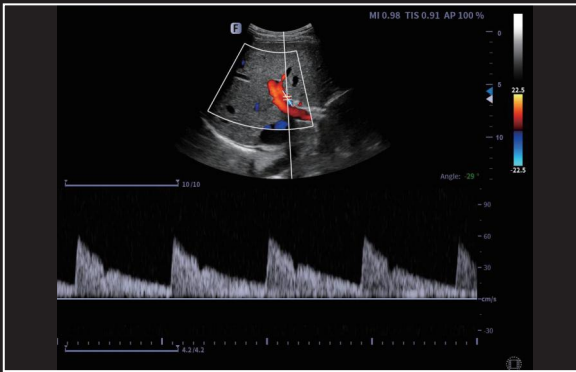
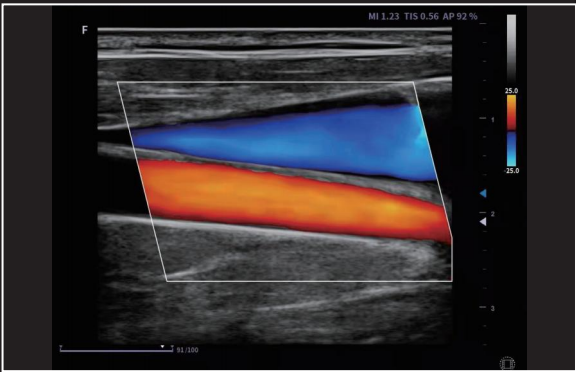


Auto OB

Provide automated fetal biometry measurements, including BPD, OFD, AC, HC, FL, HL. Streamline obstetric examination and contribute to greater precision and efficiency.



Outstanding Clinical Images



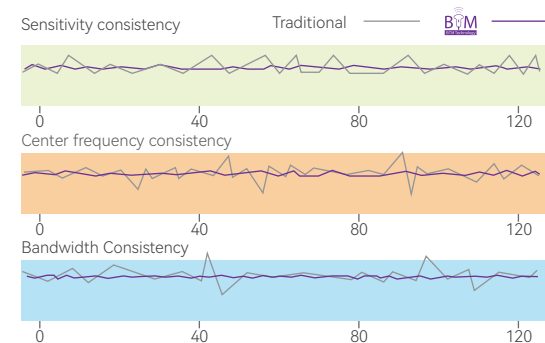


Premium Technology

Focus & Fusion provides multiple transducers for different clinical areas of your need

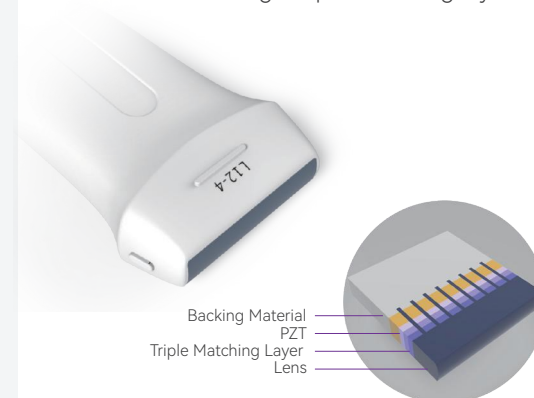
Bonding technique

By uniform bonding process, adhesive to inter-connect ceramic and lead is well controlled (max thickness: 1 μ m) to improve performance uniformity among elements.



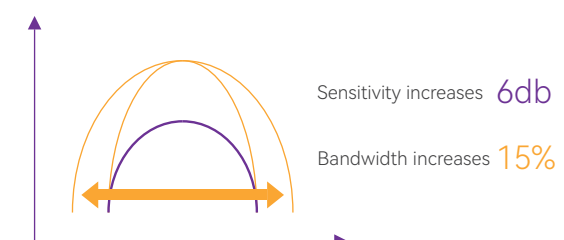
Triple matching layers

Higher sensitivity and wider bandwidth can be achieved through triple matching layers.



Micro-elements cutting

By micro-elements cutting, one element is cut into several sub-elements to increase sensitivity and bandwidth of transducer.



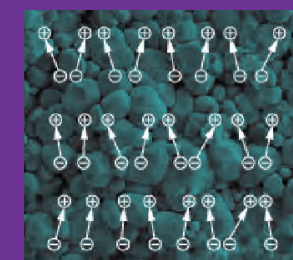
XDiamond

Single Crystal Probe

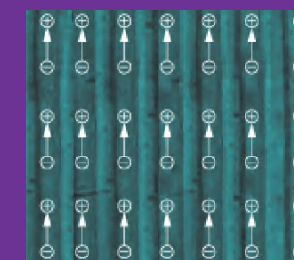
Efficiency improves **85%**

Sensitivity increases **6db**

Bandwidth increases **25%**



Traditional Piezoelectric Ceramic Probe Technology

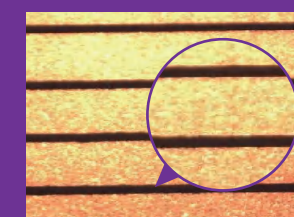


Single Crystal Probe Technology

Using a new cutting process, effectively extending the service life of probe.

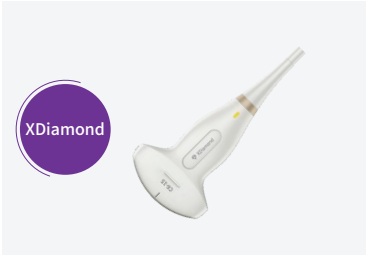


Conventional Cutting Process



Micron Level Anti-chipping Cutting Technology

Transducers



Convex C6-1s
Applications: Abdomen, Obstetrics, Gynecology



Micro-convex MC10-3
Applications: Pediatrics, Cardiology



Intracavitary EC9-4
Applications: Obstetrics, Gynecology, Urology



Linear L12-4
Applications: Small parts, Vascular, MSK



Linear L17-5
Applications: Small parts, Vascular, MSK



HD Linear L13-3
Applications: Small parts, Vascular, MSK, Breast



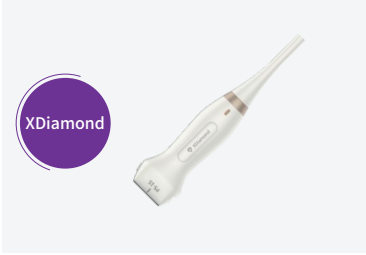
Phased Array P5-2
Applications: Cardiology, Abdomen, TCD



Phased Array P8-2
Applications: Abdomen, Pediatric cardiology



Convex C5-1
Applications: Abdomen, Obstetrics, Gynecology



Phased Array P5-1s
Applications: Cardiology, Abdomen, TCD



Intracavitary EC10-3
Applications: Obstetrics, Gynecology, Urology



Linear L25-10
Applications: Small parts, Vascular, MSK

Enhanced Ergonomics

High Definition Monitor

15.6 inch high-definition monitor for better visualization

Tilting Probe Holders

Equipped with tilting holders with angle to avoid damaging when moving the trolley

Small Footprint

0.25m² small footprint of trolley to better fit in narrow space

Central Pedal

For adjusting the trolley's height with one foot stepping

Magnalium Shell

Equipped with Magnalium alloy shell for better protection

Probe Extender

Compact connectors for three active transducers on trolley

Storage Shelves

Storage shelves for users to place their daily-used objects



fAssist

Magnifier

DICOM 3.0

Auto Optimization

Auto Volume Flow



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