CHISON

Value Beyond Imaging

EBit 50

WWW.CHISON.COM

Ergonomic Design

I need a portable,light-weight ultrasound which is easy to go,easy to diagnose,easy to operate with sufficient measurement packages.

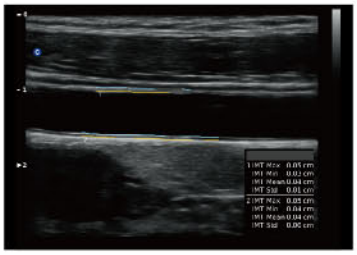
. Independent angle 15"LED
(0° - 30° tilted)
. Lightweight (7.5Kg / 16.5lbs)
. Dual transducer ports (Built-in)
. Probe holders
. Removable battery , 120 minutes in active mode

. Theft-proof lock
. Dediceted adapter Space
. Printer socket
. Accessory box
. Trolley height adjustable
(Three levels available)

For Vascular&MSK

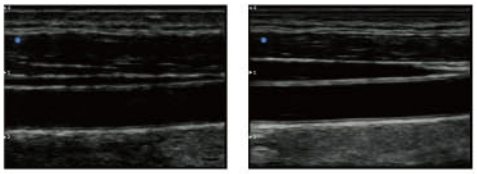
Auto IMT

Automatically traces the intima, and measures the thickness of the intima. This allows you to measure the intima faster, more easily and more accurately.



Q-image

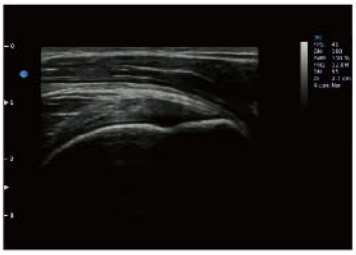
These innovative algorithms have strengthened the image enhancement results significantly. Advanced chipset is used to ensure fast frame rate.



OFF ON

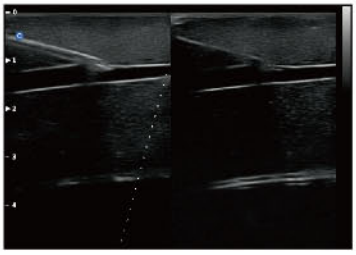
Up to 18MHz High Frequency Linear Probe

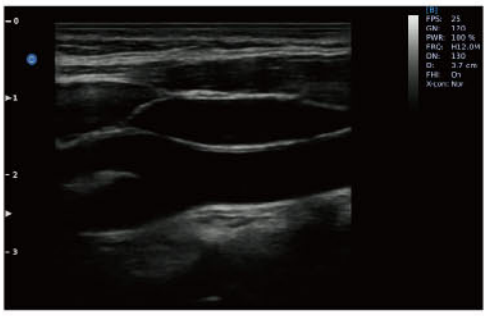
Our high frequency linear probe provides unparalleled detail resolution and superior contrast resolution with up to 18 MHz imaging frequency.



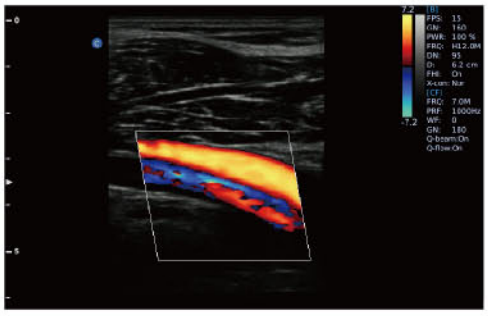
Super Needle

With Super Needle, clinicians can see needle inside tissue more clearly during medical procedures. Needle angle up to ±30°

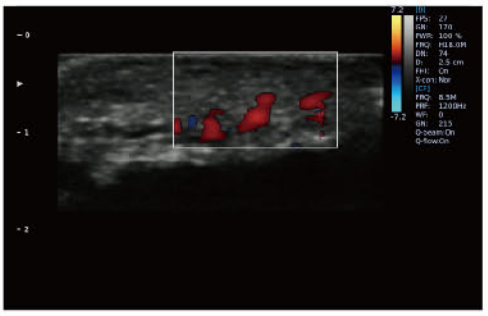




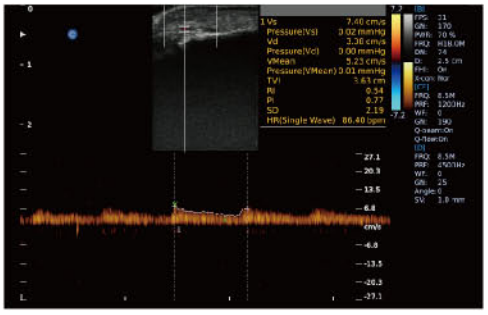
CCA, ICA, ECA, B Mode



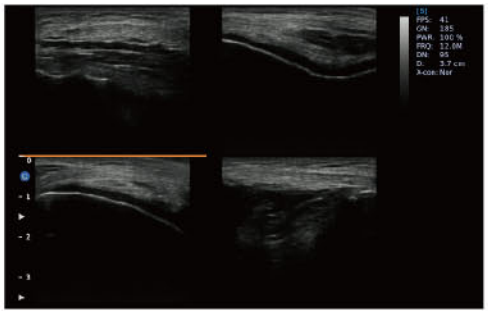
Popliteal Artery and Vein



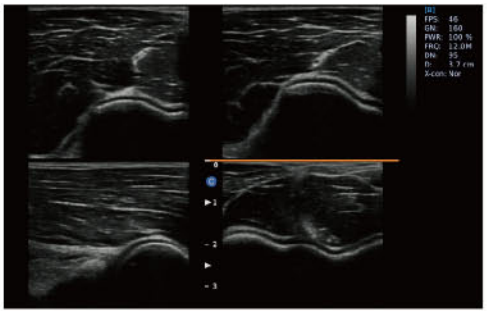
Fingertip Vessle, C Mode



Fingertip Vessle, PW Mode



Knee , 4B Mode

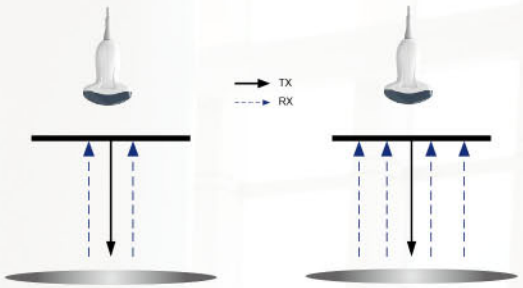


Elbow Joint, 4B Mode

General Imaging

Q-beam

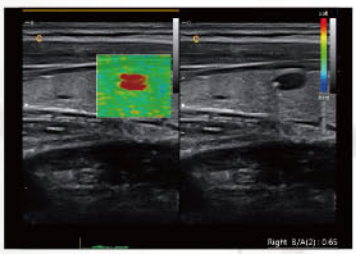
- Compared to the traditional dual-beam former on most ultrasound machines, the EBit50 uses quad-beam technology for ultrasound signal receiving.
- Doubles the volume of signals received from traditional methods, increasing image resolution and generating more accurate images.
- Produces higher frame rates, ensuring better diagnostic confidence and efficiency, especially for moving organs.



Traditional Dual Beam EBit50 Quad Beam

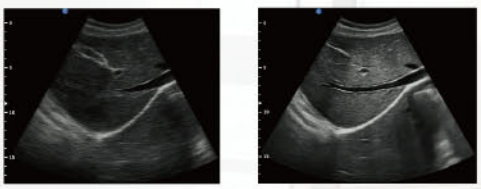
Elastography

Elastography displays tissue stiffness in real time to provide doctors with additional diagnostic information when scanning organs like liver and breast.

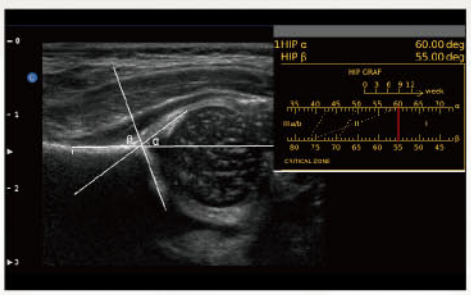


FHI

- FHI is an innovative harmonic imaging technology that uses multiple transmission and receiving methods based on the patients' size and weight. This allows the EBit to maintain image resolution when imaging larger patients.
- Traditional Tissue Harmonics and Phased Harmonics compromise image quality and resolution when penetration is increased.
- Chison's FHI technology greatly improves diagnostic abilities and clinical confidence in larger, difficult-to-image patients.

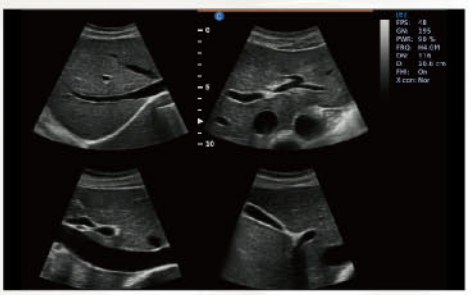


FHI OFF FHI ON

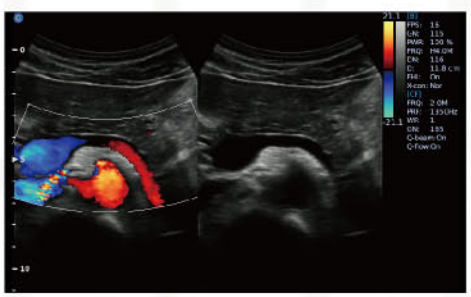


HIP Graf

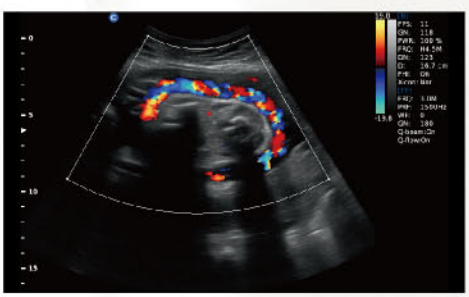
Gallbladder stone, B Mode



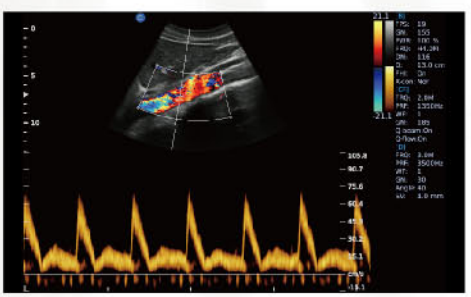
Abdomen, 4B Mode



Pancreas, B/BC Mode

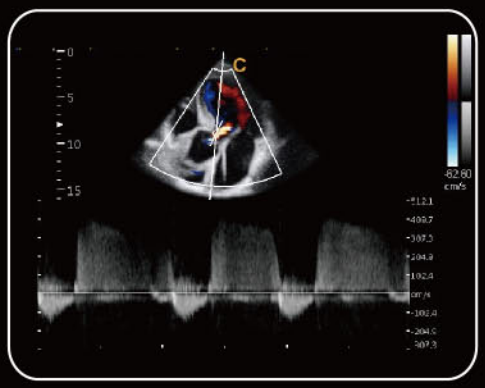


Umbilical cord, C Mode

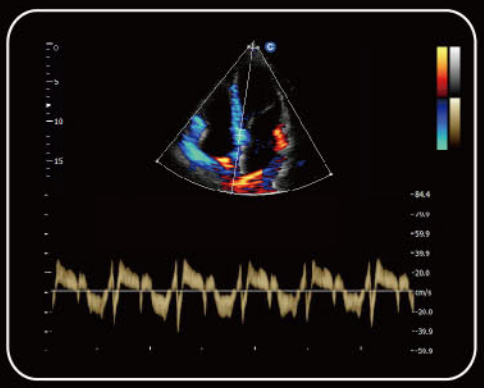


Aorta Artery, PW Mode

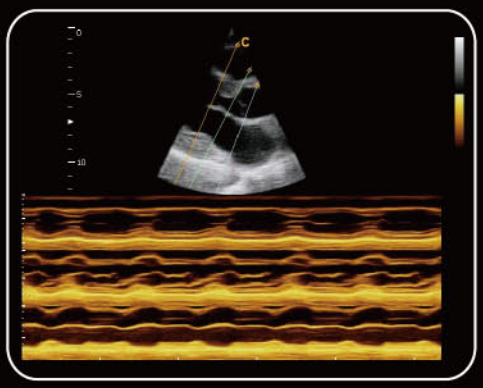
Diagnostic Confidence



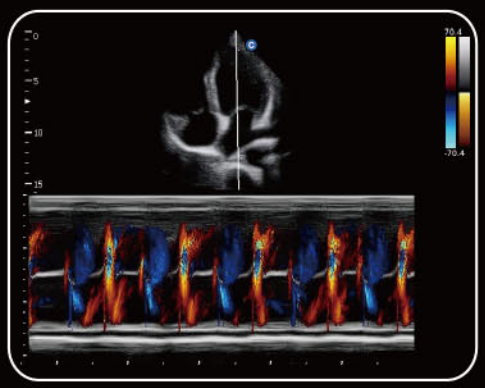
Aorta valve reguitation, CW Mode



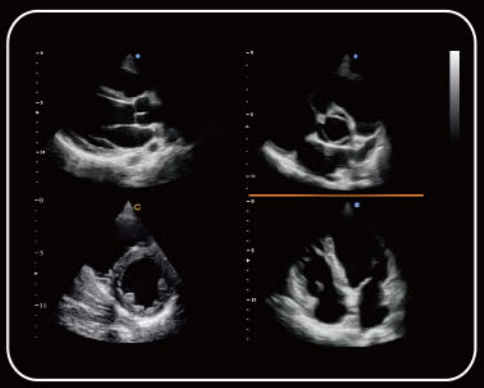
TDI, PW Mode



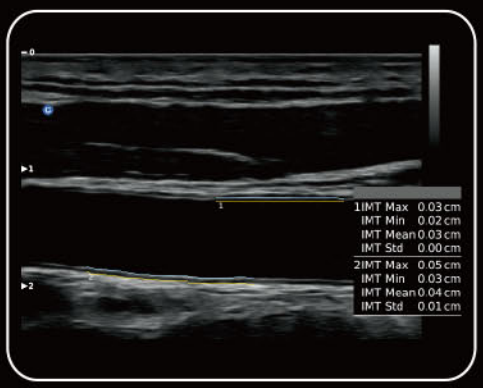
LV Long Axis, Free M Mode



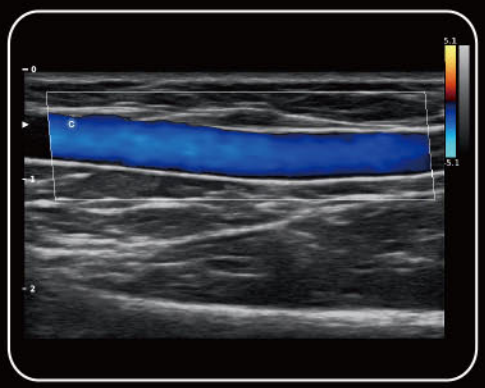
Apical Four Chambers, Color M Mode



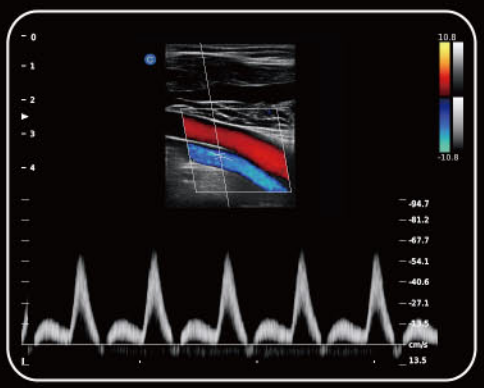
Cardiac, 4B Mode



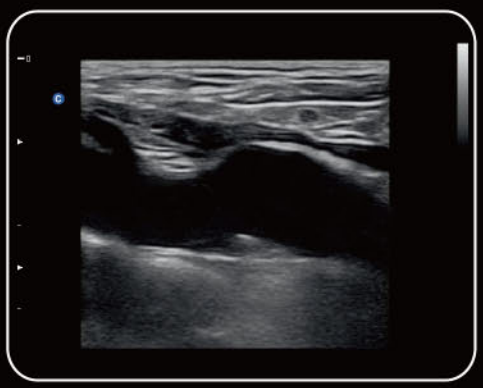
AUTO IMT



Superficial Vessel< 1cm depth, C Mode



Popliteal Artery, Triplex Mode

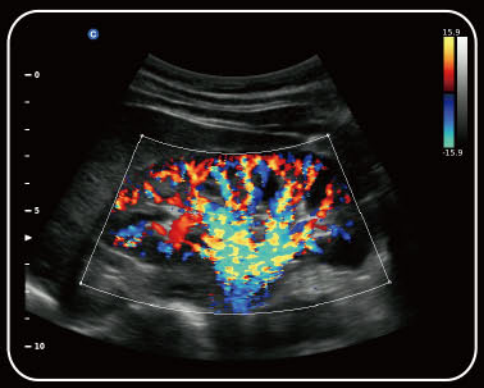


Carotid Plaque, B Mode

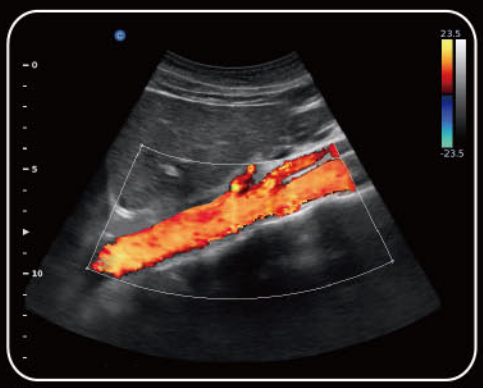
Uterus, B Mode

Liver, B Mode

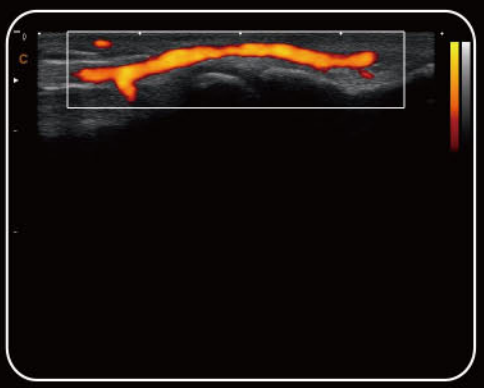
Fetal Heart, B Mode



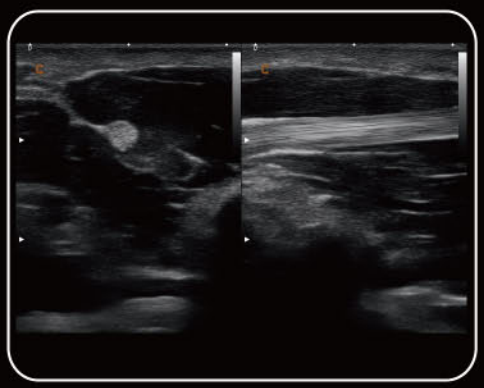
Kidney, C Mode



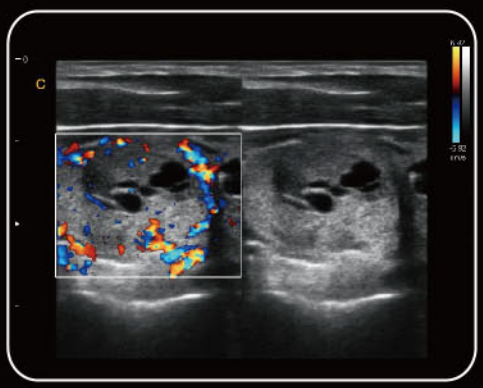
Aorta Artery, C Mode



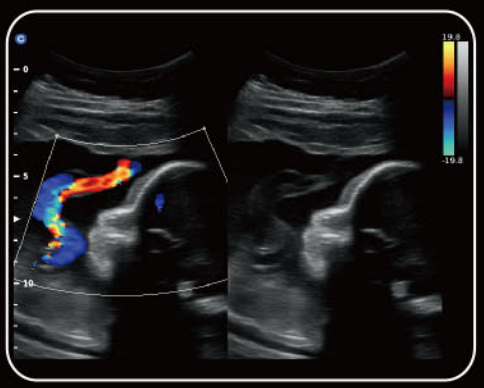
Superficial Vessel< 0.2cm depth, CPA Mode



Primary flexor tendon , 2B Mode



Thyroid multiple adenomas, B/BC Mode



Umbillical Cord, B/BC Mode

Specifications

- B, 2B, 4B, B / M
- CFM
- PW
- PD, DPD(Direction Power Doppler)
- Duplex, Triplex
- Trapezoidal
- Chroma B / M / PW
- Super Needle (option)
- 2D steer
- Auto IMT
- HIP Graf
- DICOM (option)

Comprehensive Applications

- OB/GYN
- Urology
- Pediatric
- Radiology
- Internal Medicine
- Small Parts
- General Imaging
- Vascular
- Intensive Care
- Emergency
- MSK

Image Processing Technologies

- FHI
- Q-beam
- Q-flow
- Q-image
- X-contrast
- SRA
- Compound Image

Accessories

- Footswitch
- Trolley
- Suitcase
- Video Printer
- PC Printer

2.0-6.8MHz
Convex C3-E

4.0-15.0MHz
Linear L7-E

7.0-18.0MHz(With FHI)
Linear L12-E

4.0-15.0MHz
Linear L7W-E

1.5-5.3MHz
Phased Array P3-E

4.0-12.0MHz
Transvaginal V6-E

4.0-15.0MHz
Transvaginal V7-E

4.0-15.0MHz
Trans-Rectal L7R-E

2.0-6.8MHz
Micro-Convex MC3-E

4.0-12.0MHz
Micro-Convex MC6-E

4.0-10.7MHz
Micro-Convex MC5-E

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