



QBit 9

Smart Ultrasound



CHISON
Value Beyond Imaging

Wi-Fi (Available)

Ergonomics

ERGONOMICS

LED foldable
up & down for $0\sim 90^\circ$



The LED screen can be rotated left and right $0\sim 90^\circ$ to allow different viewing angles of patients and operators

Stereo audio system, facing to operators.



Floating keyboard with left/right rotation $0\sim 45^\circ$, up/down height adjustment $0\text{cm}\sim 15\text{cm}$

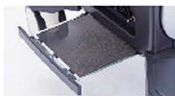


Streamlined workflow, simplified keyboards with backlit keys.

USB ports on the keyboard, to allow easy access.

Hero Kit

Innovation Design for easy maintain. Do the maintain without any training!



Removable dust filter.



Print paper face to the front, for easy access.

35.6 cm
Small foot print

Four wheels with locks



Virtual HD

- The latest innovation in real-time 4D with powerful turbo imaging engine.
- Greatly strengthen the bond between mother and fetus.
- With moveable virtual light source.

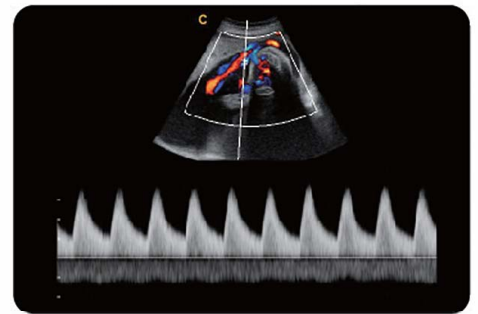
Women's health



Fetal Brain,B Mode



Gestational Sac,B Mode



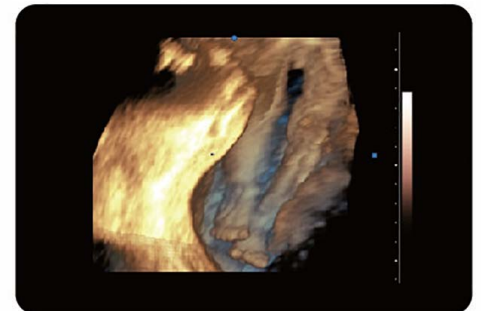
Umbilical Cord,D Mode



Fetal Heart,B/BC Mode



Fetus,Depth View



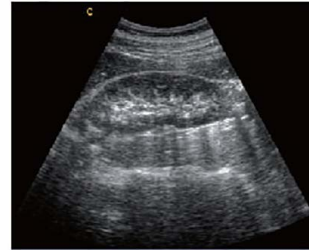
Fetal Leg,Depth View

Advanced

Technologies

Q-image

- These innovative algorithms have tripled the image enhancement results to a quantum level, images are sharper and details are more vivid.
- The advanced chipset ensure the frame rate.



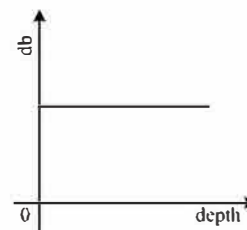
OFF



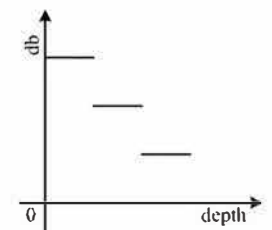
ON

X-contrast

- Greatly enhance the contrast resolution of different tissues by improving the signal-to-noise ratio.
- Activated by one key, automatically detect different tissues and improve the contrast accordingly. Ensure the unprecedented diagnostic confidence.



Normal dynamic range Ctrl



X-Contrast dynamic range Ctrl

Q-flow

- Maximize the color sensitivity by automatically distinguishing different tissues and detecting its color flow accordingly.
- Better color sensitivity even for low velocity flow and small vessels.



OFF



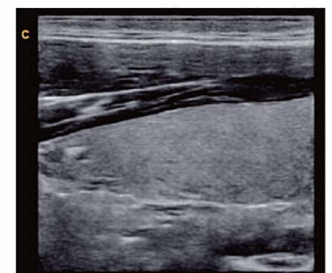
ON

Q-beam

- Adaptive beam former optimization, optimize the beam-former according to different probes and scanning positions, so as to improve the efficiency of transmission and receiving of signal.
- Easier and quicker to get a better image on different patients and different positions, even for difficult and old patients.



OFF



ON

FHI

- An innovative technology that using different transmission and receiving methods for different body sized patients, to maximize the resolution without losing the penetration.
- Better than traditional THI and phased harmonic which compromise the penetration.



OFF

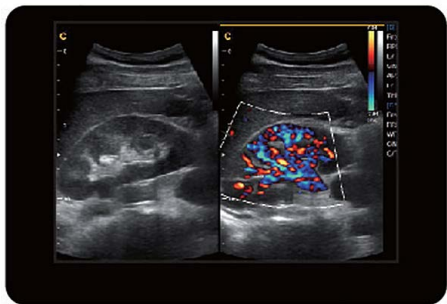


ON

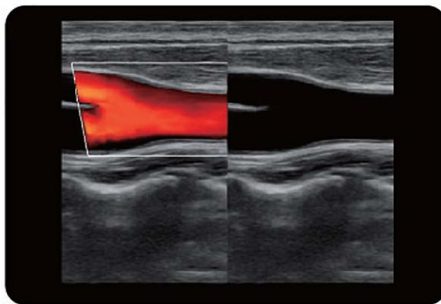


General Imaging

Small Parts



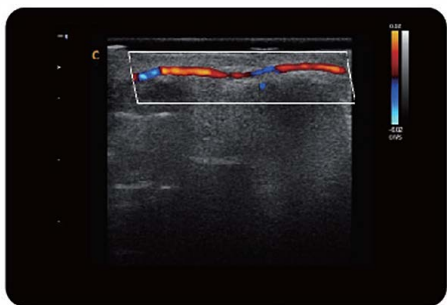
Kidney, B/BC Mode



Carotid, B/BC Mode



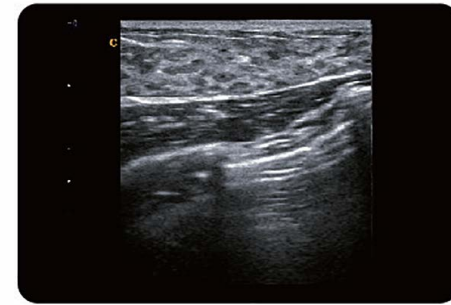
Elbow Point, B Mode



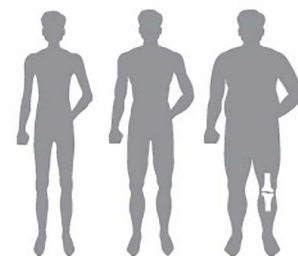
Finger Vessel, C Mode

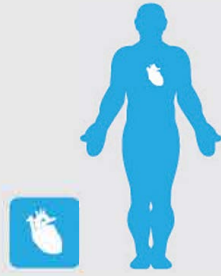


Thyroid Adenoma, B Mode



Breast, B Mode





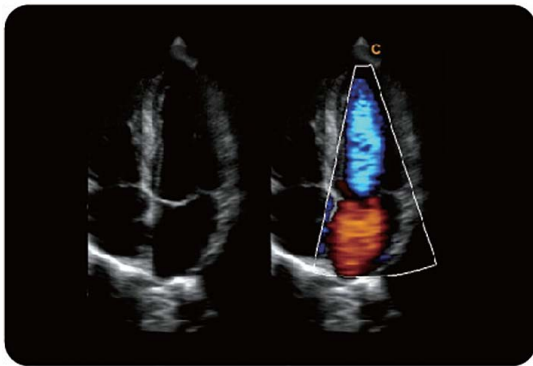
Premium

Cardiovascular Performance

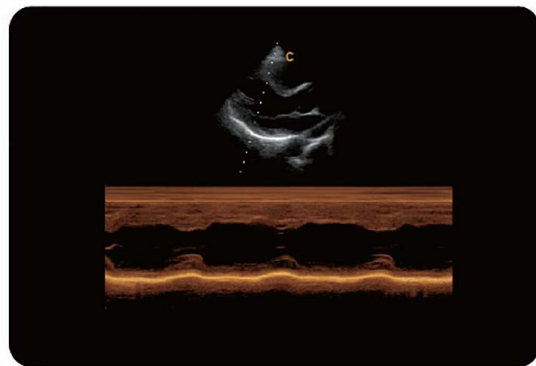


We believe that only best image quality allows a diagnosis to happen quickly and with confidence.

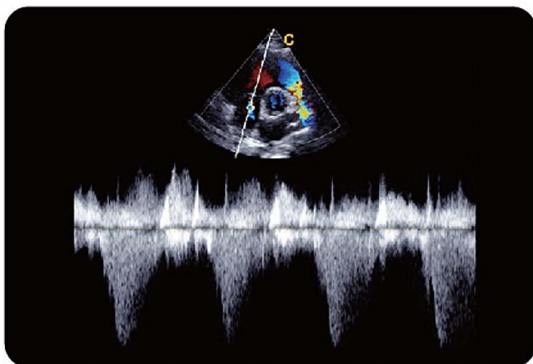
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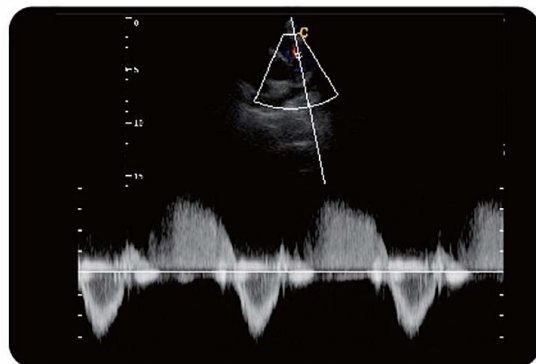
Four Chambers View,B/BC Mode



Cardiac Function,M Mode



Tricuspid Regurgitation,CW Mode

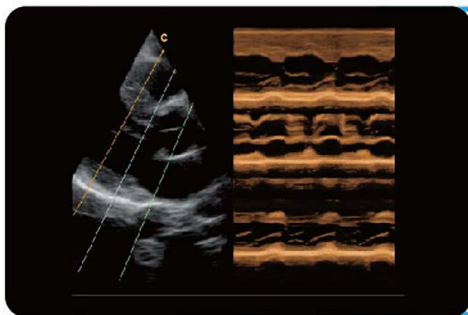
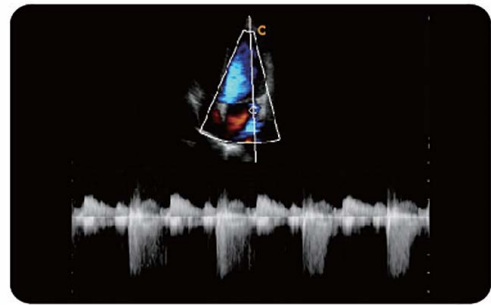


Pulmonary Regurgitation,PW Mode

Continuous Wave (CW)

Doppler

Detect blood flow with high velocity and help doctors diagnose with more clinical information.

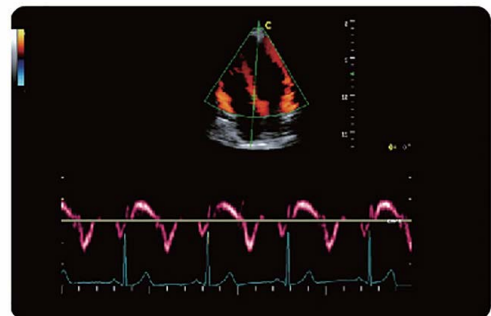


Free Steering M Mode

The cursor line can be rotated in 360 degree and adjusted to the position you want. Moreover, there are three cursor lines that can be adjusted in same phase, which greatly enhance the diagnostic efficiency.

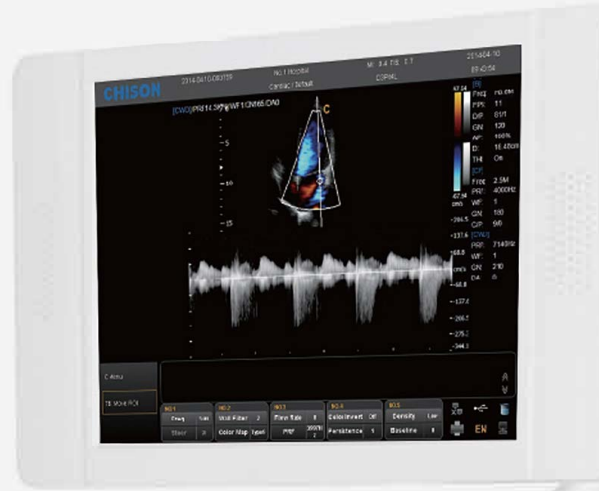
Tissue Doppler Imaging (TDI)

Tissue Doppler imaging is a novel echocardiography technique that directly measures myocardial velocity. Systolic TD measurements assess left and right ventricular myocardial contractile function. Diastolic TD values reflect myocardial relaxation.



IMT Function

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



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2.0MHz-6.8MHz Convex
D3C60L



4.0MHz-15.0MHz Linear
D7L40L



7.0MHz-18.0MHz(With THI) Linear
D12L40L



4.0MHz-15.0MHz Linear
D7L60L-60mm



4.0MHz-12.0MHz Transvaginal
D6C12L



1.5MHz-5.3MHz Phased array
D3P64L



4.0MHz-15.0MHz Transvaginal
D7C10L



2.0MHz-6.8MHz Volume
V4C40L



2.0MHz-6.8MHz Micro-Convex
D3C20L



4.0MHz-10.7MHz Micro-Convex
D5C20L



4.0MHz-12.0MHz Micro-Convex
D6C15L



2.0MHz-8.0MHz Phased array
D6P64L

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