



Q9

Set The New Standard of Excellency



CHISON
Value Beyond Imaging

Compact In Size Powerful Inside



CHISON Q9 is a brand-new platform ultrasound system, which is designed to work in all clinical environments - from small private clinic to the patient bedside in the hospital or emergency room.

Advanced imaging technology and flexible configuration can meet all the clinical applications such as Radiology, OB/GYN, small part musculoskeletal, cardiology, etc.

A work-flow oriented User Interface is built to allow user-friendly operation with minimum soft key entry. Ergonomical design of keyboard, 15 inch LCD large display, double probe connectors, USB and DICOM connectivity make your scan FAST and EASY, and allow you to focus more on your patients.



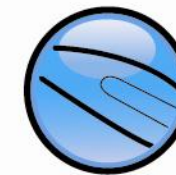
Abdominal



OB



Breast



Vascular

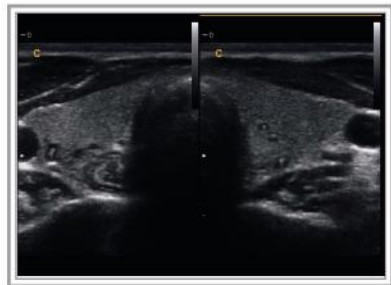


Thyroid

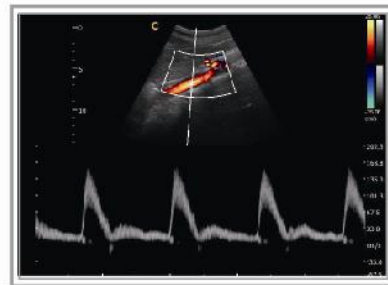


Pediatric

Super Image Quality



Thyroid, 2B Mode



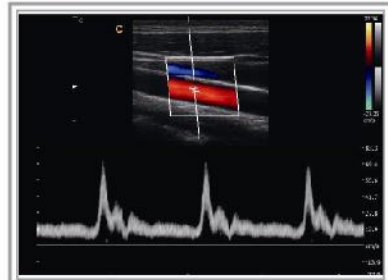
Aorta, PW Mode



Umbilical Cord, Color Mode



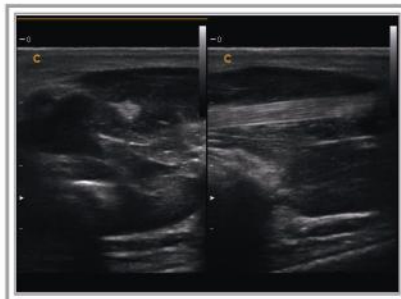
Cardiac, Color Mode



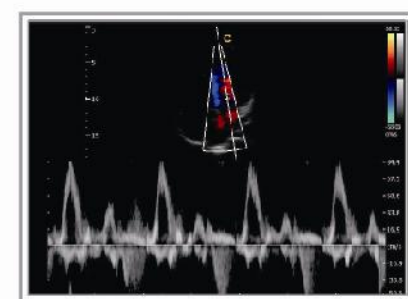
Carotid, PW Mode



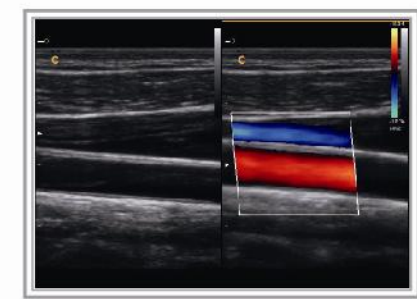
LV Long Axis, B Mode



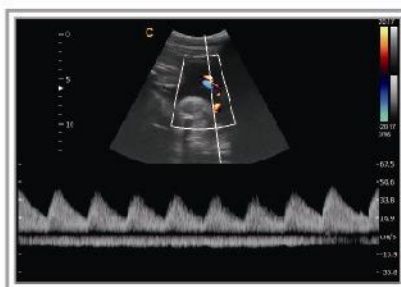
MSK, 2B Mode



Cardiac, PW Mode



Carotid, B/BC Mode



Color Flow of Umbilical Cord, PW Mode



Apical Four Chamber View, B Mode

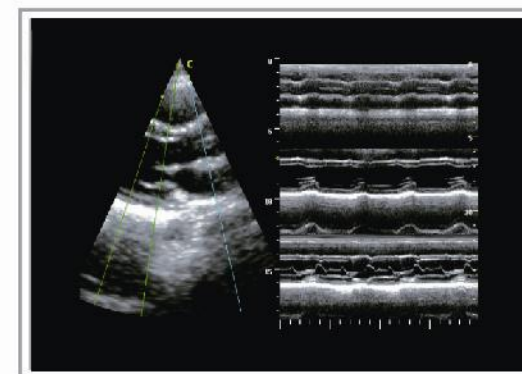
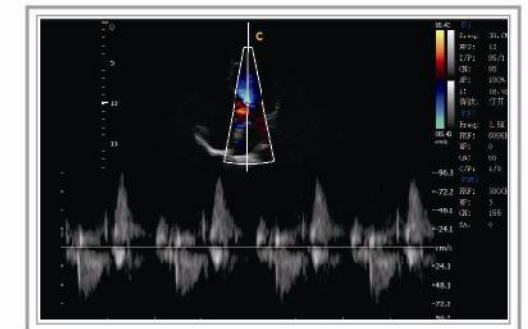


Fetal Face, 27 Weeks

Premium Cardiovascular Performance

Continuous Wave Doppler (CW)

CW is absolutely necessary for cardiac sonographer, which can be used for detecting blood flow with high velocity, helping doctors to diagnose with more clinical information.

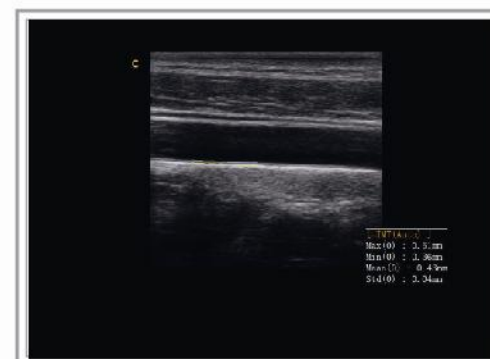
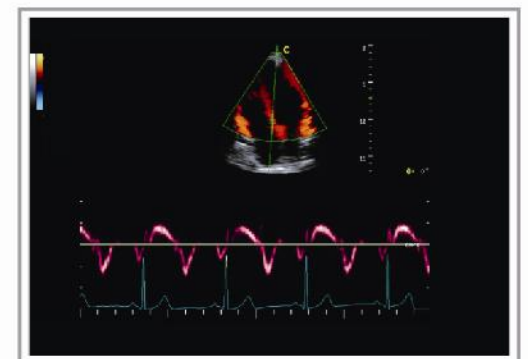


Free Steering M Mode

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



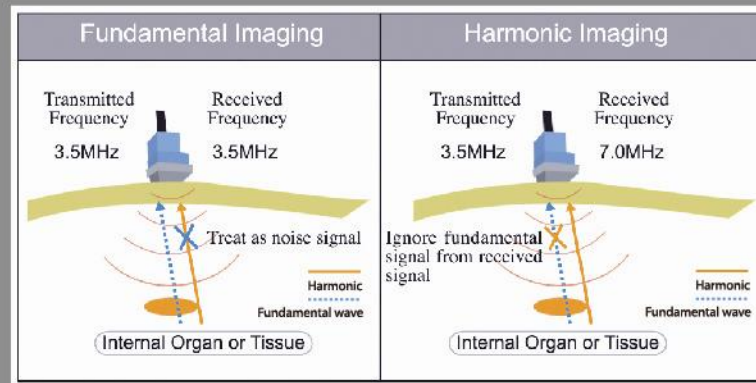
IMT Calculation

Automatically trace the intima, automatically measure the thickness of the intima.

Advanced Technologies

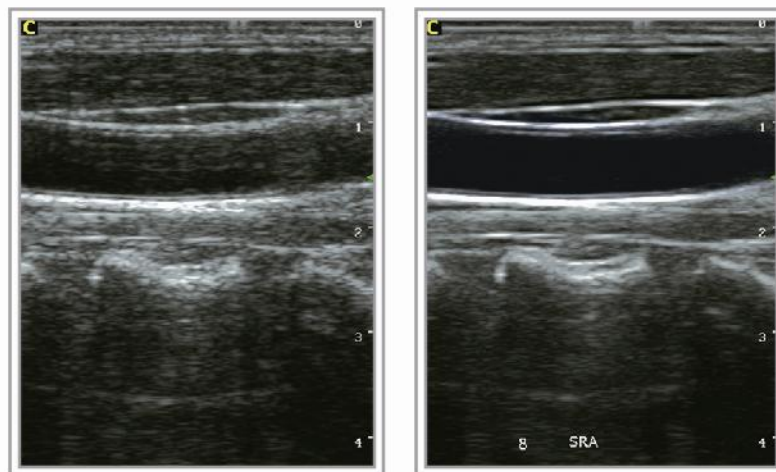
Tissue Harmonic Imaging (THI)

It decreases reverberation, beam aberration, and side lobes, as well as increases resolution and cystic clearing.



Speckle Reduction Algorithm (SRA)

SRA is the technique that uses a variety of denoising algorithm to suppress speckle, smooth the tissue images, and make the faint edge more appearing.

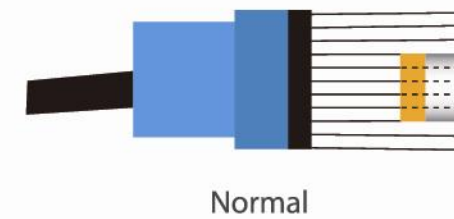


Normal

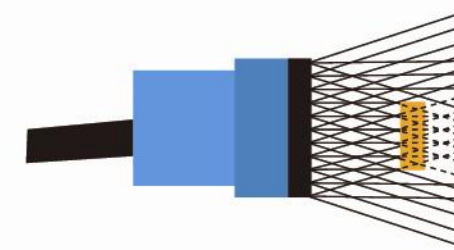
SRA

Multiple Compound Imaging (MCI)

- Increase the line density and improve the image quality
- Improve the contrast resolution
- Decrease the sidewall effect of the edge on the tissue and make the edge of the organ more distinguishable



Normal

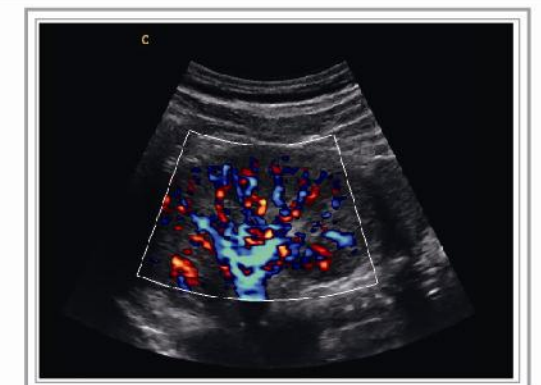


Multiple Compound Imaging

■ Tissue ■ the shadow created by the sound wave

Advanced Color Filter Technology

improve the color sensitivity of blood flow with low velocity. increase S/N ratio to differentiate the slow blood flow signal between the motion artifact



Specifications

Imaging Modes

- B, 2B, 4B, B/M
- B/BC, CFM
- PW, HPRF, CW
- PD, Directional PD
- Instant Triplex, Duplex
- Trapezoidal
- Panoramic
- 4D (optional)*
- Chroma B/M/PW/CW

Probe

- Electronic Convex, Electronic Linear, Electronic Micro-Convex, Electronic Phased array
- Wideband(broadband) Multi-frequency

Image Processing Technology

- THI on all probes
- Speckle Reduction Algorithm (SRA)
- Multiple Compound Imaging (MCI)
- i-Image™ (optional)

Measurement & Report Packages

- OB&GYN
- Cardiac
- Vascular
- Urology
- Pediatric
- Small part

Professional Clinical Applications

- Abdominal
- OB & GYN
- Cardiac
- Vascular and Small parts
- Pediatric
- Neonatal
- Musculoskeletal

Standard Configuration

Main unit, 15" LCD, 2 probe connectors,
Hard disk(320GB), 2 USB ports

Options

- 3.5MHz Convex probe
- 4.0MHz Convex probe*
- 7.5MHz Linear probe(40mm)
- 7.5MHz Linear probe(60mm)
- 12.0MHz Linear probe
- 6.0MHz Transvaginal probe
- 7.0MHz Transvaginal probe(180°)
- 3.0MHz Phased array probe(Adult)
- 6.0MHz Phased array probe(Pediatric)
- 7.5MHz Intraoperative probe*
- 5.0MHz Micro-convex probe
- 6.0MHz Pediatric Micro-convex probe
- 4.0MHz 4D Volume probe
- Biopsy kit is available (probe dependent)
- Extended Cardiac Package: ECG, Free Steering M, Color M, TDI
- IMT
- Elastography
- Video printer, PC printer
- Trolley
- DICOM 3.0
- Suitcase

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