

Approved by FDA and CE



CHISON Q6

Compact · Affordable · Excellent

CHISON
Value Beyond Imaging

Compact In Size Powerful

CHISON Q6 is the compact and stable portable color Doppler 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.



Cardiac



Inside

It delivers superb image quality for multi-applications of abdomen, OB/GYN, small parts, and especially complete cardiovascular functionality, comprehensive cardiac measurement and analysis package.

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

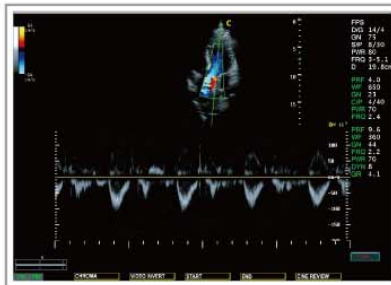


Pediatric

Premium Cardiovascular Performance



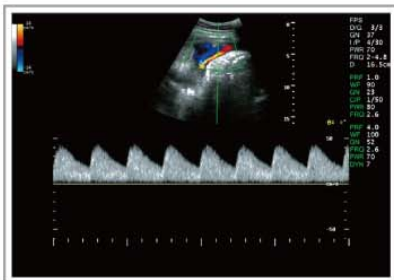
LV short axis, B Mode



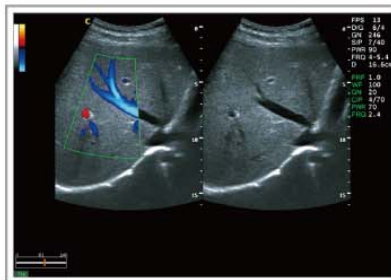
Color flow of AO, PW Mode



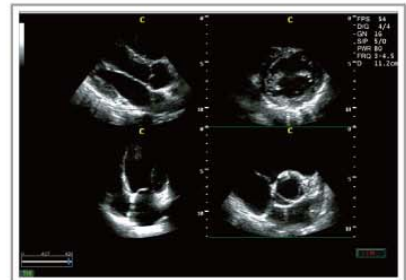
LV long axis, B Mode



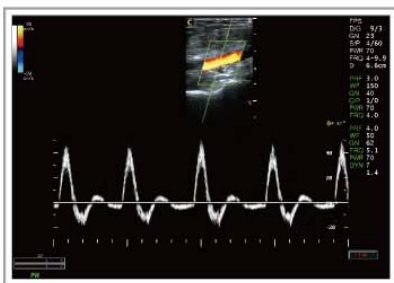
Color flow of Umbilical Cord, D Mode



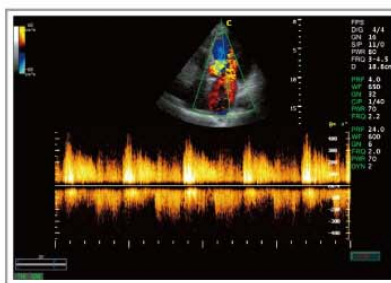
Liver, B/BC Mode



Different Cardiac plane, 4B Mode



Popliteal Artery, PW Mode



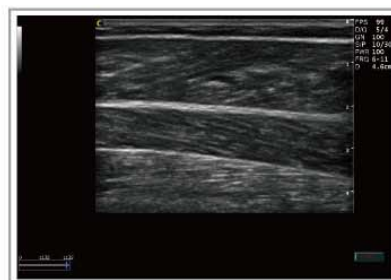
Regurgitation of Mitral valve, CW Mode



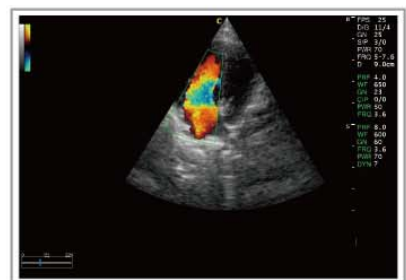
Carotid Bifurcation, Power Doppler Mode



Ovary, B Mode 180°



Muscles, B Mode 6cm

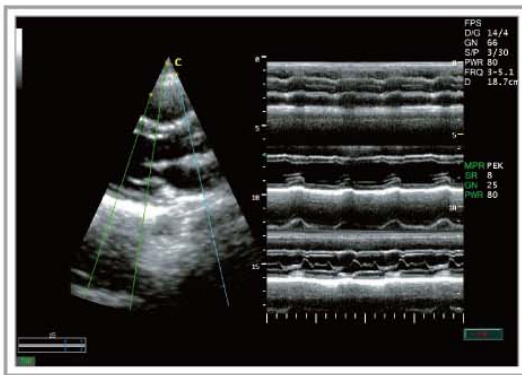


Pediatric cardiac, CFM mode

Adult MPTEE probes

The TEE probe is passed through the mouth, down the back of the throat, and into the esophagus. This allows the doctor to examine the heart and valves through a clear image of the heart since the heart and esophagus are close together, and there are no structures in between.

- Multiplane
- Small tip size for the best patient care
- Ergonomic control handle design for one-hand operation

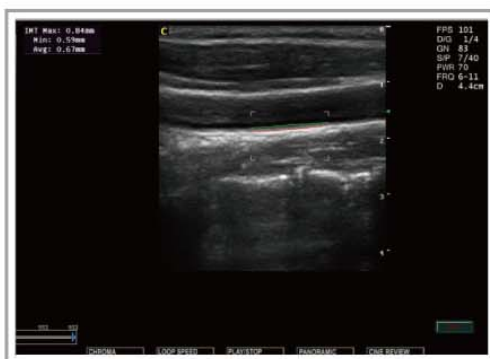
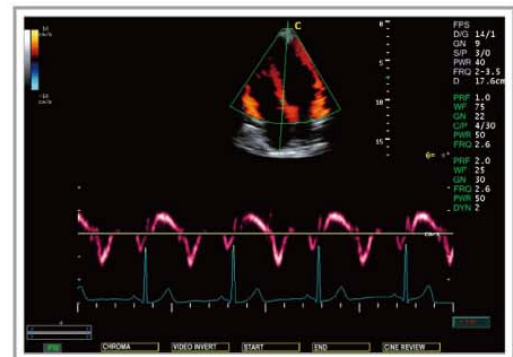


Free Steering M Mode

The cursor line can be rotated in 360 degree and adjusted to the position you wanted. More over, there are three cursor lines can be adjusted in 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.



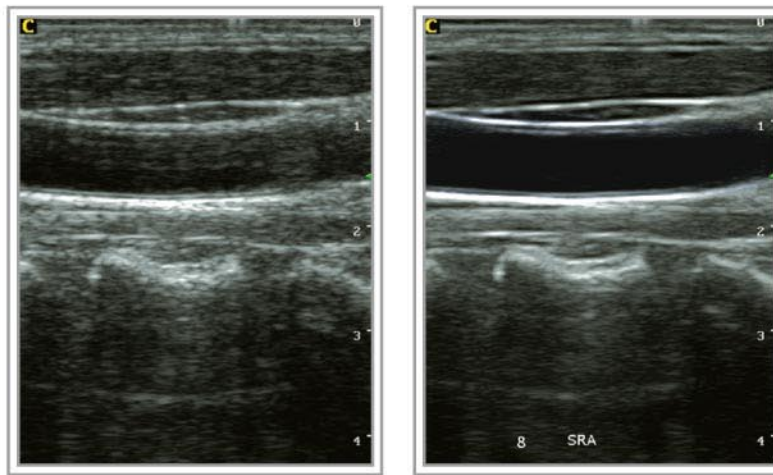
IMT Calculation

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

Advanced technologies

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.

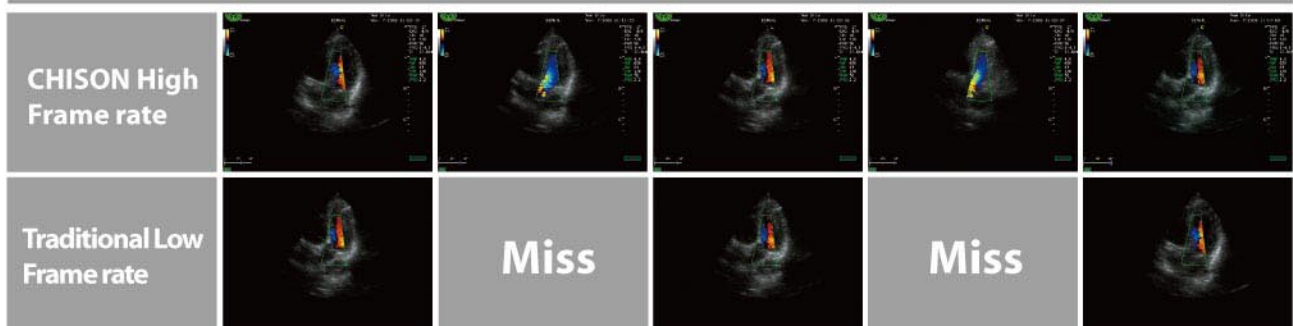


Normal

SRA

Frame Rate Priority

Based on an optimized ultrasound architecture design, the Frame Rate Priority technique ensures to obtain continuous scanning data especially for capturing moving images of cardiac disease.

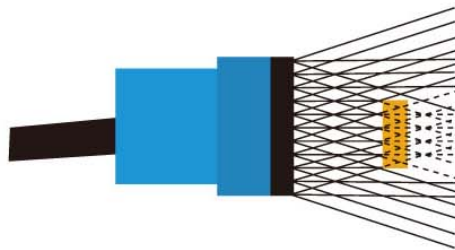


Multiple Compound Imaging (MCI)

- 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



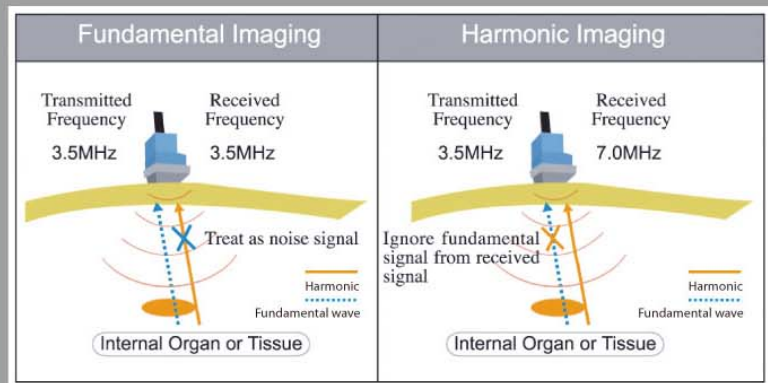
Multiple Compound Imaging

■ Tissue ■ the shadow created by the sound wave



Tissue Harmonic Imaging (THI)

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



Specifications

Imaging modes

- B, 2B, 4B, B/M
- B/BC, CFM
- PW, HPRF, CW
- PD, Directional PD
- Instant Triplex, Duplex
- Trapezoidal
- Panoramic
- TSS
- Free-Hand 3D (optional)*
- Chroma B/M/PW/CW

Probe

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

Image processing technology

- Double Phase Digital Beam Forming (DPDBF)
- THI on all probes
- Speckle Reduction Algorithm (SRA)
- Multiple Compound Imaging (MCI)
- i-Image™ (optional)

Measurement & Report packages

- OB&GYN
- Cardiac
- Vascular
- Urology

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(160GB), 2 USB ports

Options

- 3.5 MHz Convex probe
- 7.5MHz Linear probe(40mm)
- 9.5MHz Linear probe(60mm)*
- 6.0MHz Tansvaginal probe
- 7.0MHz Transvaginal probe(180°)*
- 3.0MHz Phased array probe(Adult)
- 6.0MHz Phased array probe(Pediatric)*
- 5.0MHz Micro-convex probe
- 5.0MHz TEE probe (Adult)*
- 6.0MHz Pediatric Micro-convex probe*
- Biopsy kit is available (probe dependent)
- Extended Cardiac Package: ECG, Free Steering M, Color M, TDI
- IMT
- Video printer, PC printer
- Trolley
- DICOM

* FDA Pending

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