

Approved by FDA and CE



Q8

Compact • Innovative • Powerful



Compact In Size Powerful Inside



- 4D upgradeable
- TDI quantitative cardiac analysis
- THI on all probes
- Double Phase Digital Beam
- Forming (DPDBF)
- Two probe connectors





Q8 is a multi-purpose, all digital, portable Color Doppler ultrasound system. It provides high-performance, full-featured imaging in a compact design that weighs 10 times less.

With its cutting-edge technologies, Q8 is one of few pioneers in the world, which incorporate sophisticated features like real-time 4D, TDI, IMT, and TEE scanning into one completely portable box.

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



Plus
...



Shared Service, Premium

Abdominal



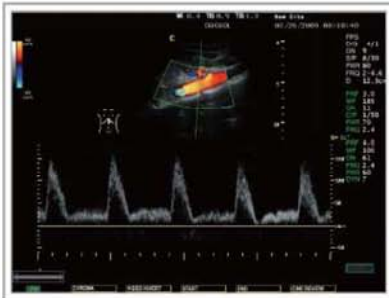
Kidney, PD Mode



Pancreas, B Mode



Liver, B/BC Mode



Aorta, D Mode

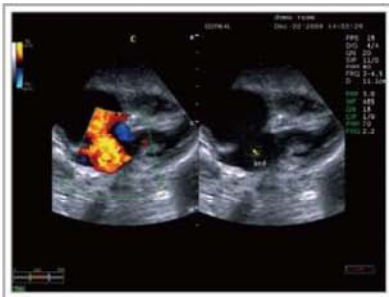


Liver, Direct PD Mode



Kidney, CFM Mode

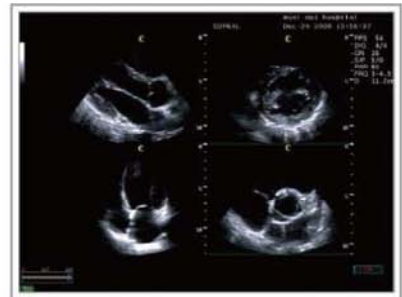
Cardiac



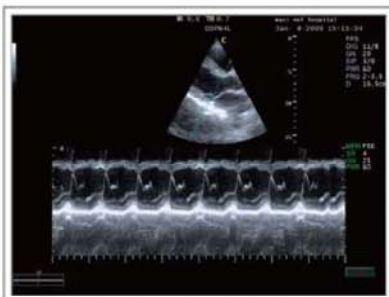
ASD, B/BC Mode



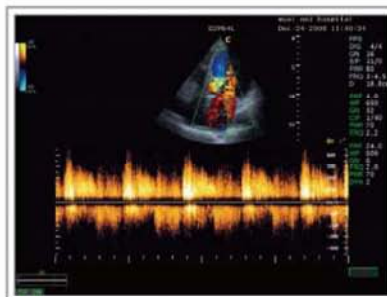
color flow of pulmonary Vein to Apical



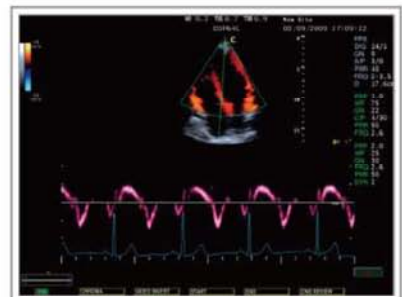
Different Cardiac plane, 4B Mode



LV long axis, Free Steering M Mode

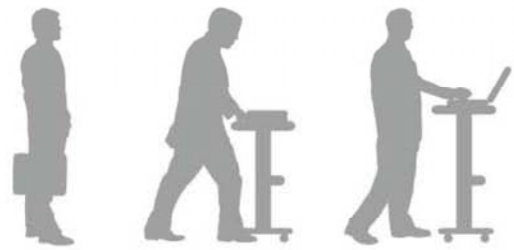


Regurgitation of Mitral valve, CW Mode



Ventricular Septa, TDI Mode-ECG

m Images



OB & GYN



Fetal Face, 27Weeks



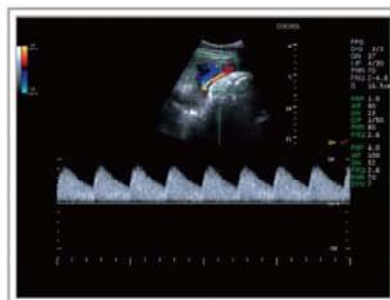
Fetal Face, 34Weeks



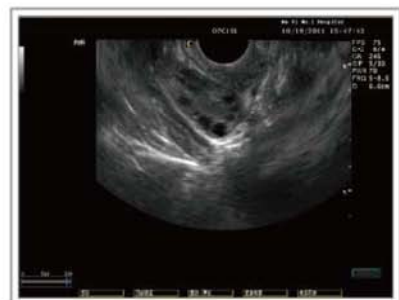
Fetal Face, 27Weeks



Hysteromyoma, 2B Mode



Umbilical Cord, D Mode



Ovary, B Mode 180°

Vascular and Small parts



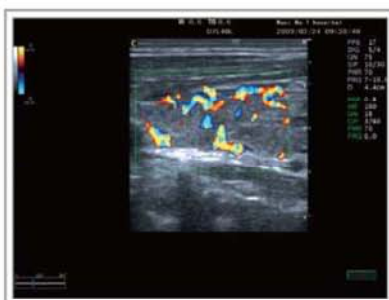
Carotid Artery, CFM Mode



Popliteal Artery, PW Mode



Cervical Vertebral Artery, CFM Mode



Thyroid Inferno, CFM Mode



Ophthalmic Artery, CFM Mode

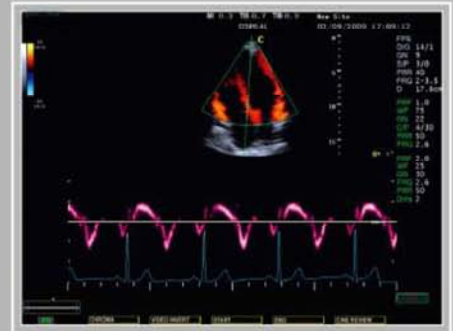


Muscles, B Mode 6cm

State-of-the-art technology

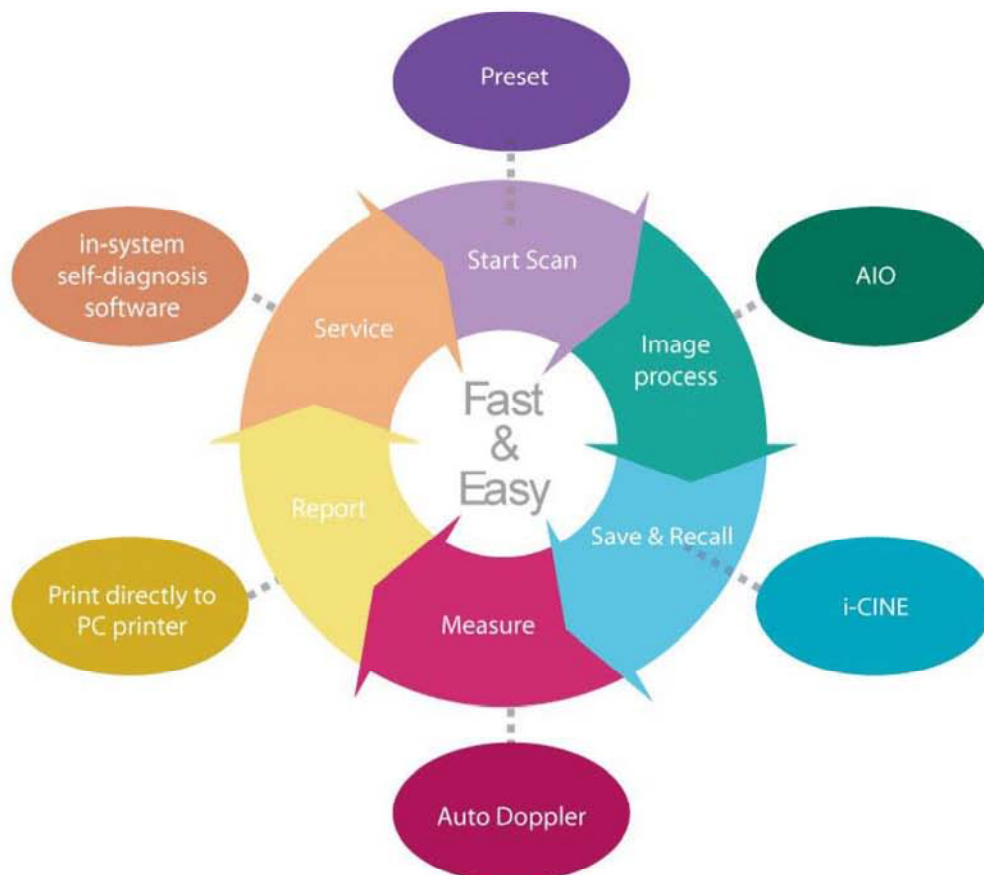
Tissue Doppler Imaging (TDI)

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.



Ventricular Septa, TDI Mode-ECG

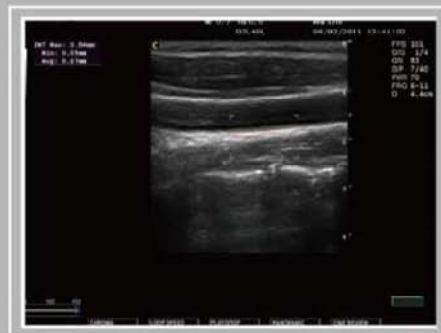
Work-flow solution



ogies

IMT Calculation

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



Ergonomical Design



Two Probe Connectors



Shortcut keys



USB, DICOM



15"LCD



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)*
- Real-time 4D (optional)*
- Chroma B/M/PW/CW

Probe

- Electronic Convex, Electronic linear, Electronic Micro-convex, 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 Transvaginal 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)
- Real-time 4D package:
4D software and 4D Volume probe*
- Extended Cardiac Package: ECG,
Color M, TDI
- IMT
- Video printer, PC printer
- Trolley
- DICOM