



New

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)
- Probe elements up to 256
- Two probe connectors

Q8 is a multi-purpose, all digital, portable Color Doppler ultrasound system, which supports probes up to 256 elements. 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, 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 Images



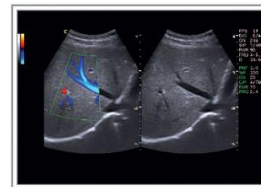
Abdominal



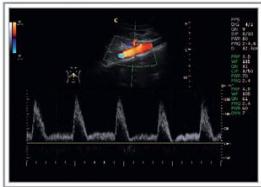
Kidney, PD Mode



Pancreas, B Mode



Liver, B/BC Mode



Aorta, D Mode

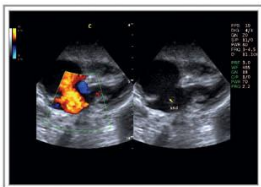


Liver, Direct PD Mode

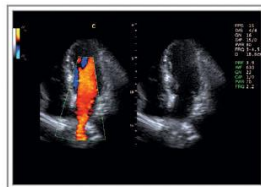


Kidney, CFM Mode

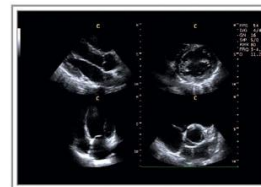
Cardiac



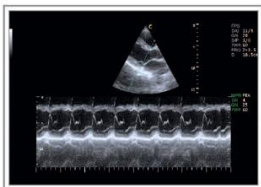
ASD, B/BC Mode



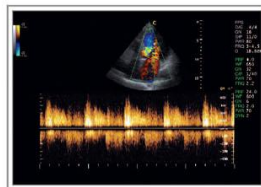
Blood flow of Pulmonary Vein
B/BC Mode-17cm penetration



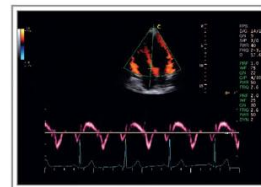
Different Cardiac plane, 4B Mode



LV long axis, Free Steering M Mode



Regurgitation of Mitral valve, CW Mode



Ventricular Septa, TDI Mode-ECG

OB & GYN



Early pregnancy, B Mode



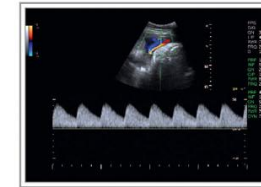
Fetal Heart, CFM Mode



Fetal Face, 27Weeks



Hystero-myoma, 2B Mode



Umbilical Cord, D Mode

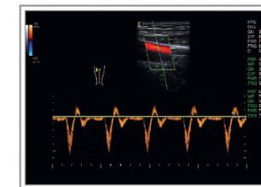


Uterine, B Mode

Vascular and Small parts



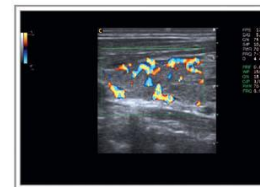
Carotid Artery, CFM Mode



Popliteal vein, PW Mode



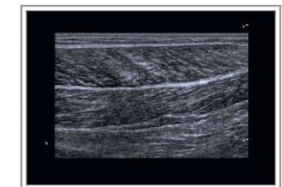
Cervical vertebral artery, CFM Mode



Thyroid Inferno, CFM Mode



Ophthalmic artery, CFM Mode

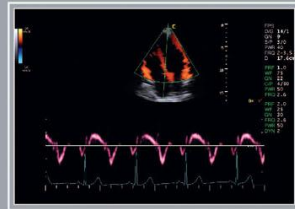


Muscle of Leg, Panoramic

State-of-the-art technologies

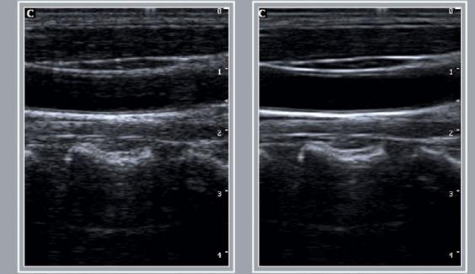
Tissue Doppler Imaging (TDI)

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

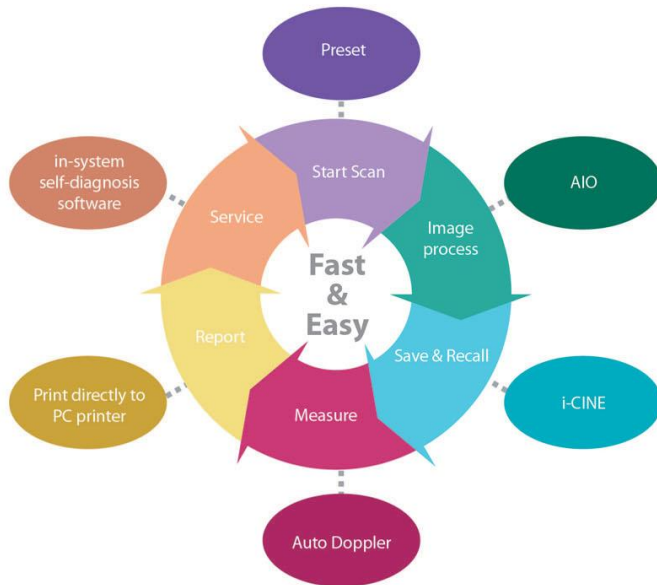
Speckle Reduction Algorithm (SRA)



Normal

SRA

Work-flow solution



Ergonomical Design



Two Probe Connectors



Shortcut keys



USB, DICOM



15"LCD

Specifications

Imaging modes

- B, 2B, 4B, B/M
- B/BC, CFM, Color M
- PW, HPRF, CW
- PD, Directional PD
- TDI(Tissue Doppler Color, Tissue Doppler PW)
- Instant Triplex, Duplex
- Trapezoidal, Panoramic
- Steering M
- Free-Hand 3D, Real-time 4D
- Chroma B/M/PW/CW

Probe

- Electronic Convex, Linear, Transvaginal, Phased array, Pediatric probes
- 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™

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, 3.5 MHz Convex probe, 7.5MHz Linear probe, 15" LCD, 2 probe connectors, Hard disk (160GB), 2 USB ports

Options

- 6.0MHz Transvaginal probe
- 3.0MHz Phased array probe
- 5.0MHz Pediatric probe
- 5.0MHz TEE probe (Adult)
- Free-hand 3D
- Real-time 4D package:
4D software and 4D Volume probe
- Extended Cardiac Package: ECG, Steering M, CW, Panoramic, Color M, TDI
- Video printer, PC printer
- i-Image™
- Trolley
- DICOM