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**CHISON**  
Value Beyond Imaging



**CHISON Q6VET**  
Veterinary color doppler ultrasound system

New

Approved by **FDA** and **CE**





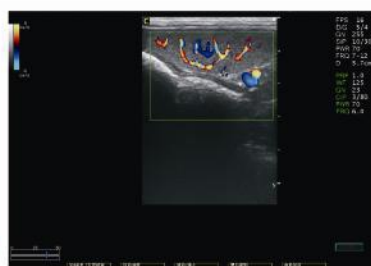
## compact in size powerful inside

The Q6VET, a compact veterinary color doppler ultrasound system, delivers superb image quality and complete functionality to provide full diagnostic capabilities at the point of care.

Its lightweight package offers flexibility and mobility, especially meet the needs of veterinaries' transportation and out-door examinations.

A work-flow oriented User Interface provides user-friendly operation with minimum soft key entry. Ergonomically design of keyboard, 15 inch LCD large display, double probe connectors, make every scan COMFORTABLE and EASY, and allow users to focus more on the patients.

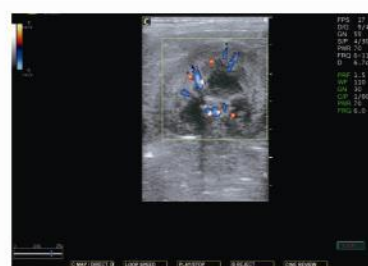
Shared Service  
Premium Images



Canine Spleen, CFM Mode



Cardiac, B Mode



Feline kidney, CFM Mode



Canine Bladder Stone, B Mode



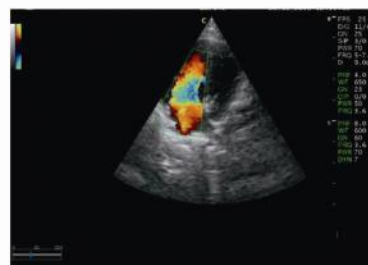
Canine Renal Artery, PW Mode



Canine Kidney Stone, B Mode



Cardiac, TEE Mode



Cardiac, CFM Mode

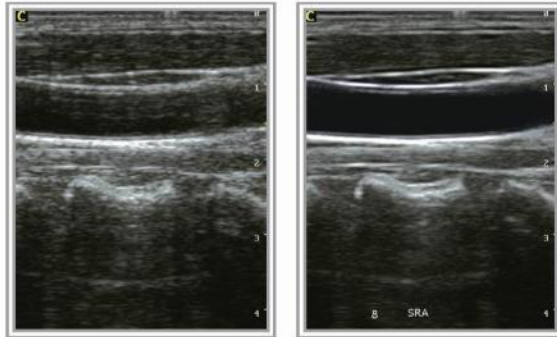


Liver, B Mode



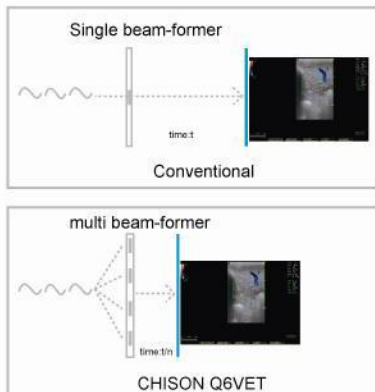
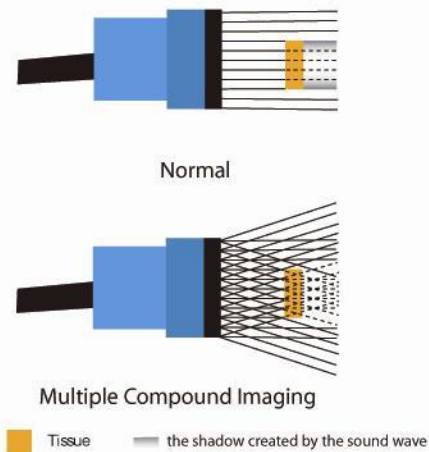
## Speckle Reduction Algorithm (SRA)

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



## 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 anatomical structure more distinguishable



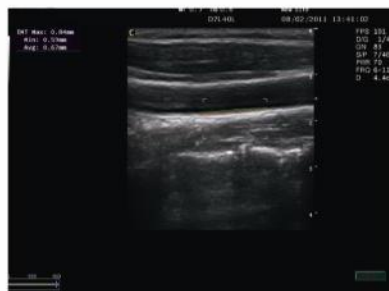
## Multi-Beam former

Conventional color Doppler ultrasound system using single beamformer technology, thus using one beamformer to process one group of echo signal for imaging.

While Chison Q6VET using multi-beamformer technology, that is using multi beamformer to process one group of echo signal which can greatly improve the speed of imaging processing, especially enhance CFM frame rate. So it can provide a very good CFM time resolution for users.

## IMT Calculation

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



# SPECIFICATIONS

## Imaging modes

- B, 2B, 4B, B/M
- CFM, B/BC
- 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, 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

- Canine: GS, GRL, HD, BD
- Feline: HD, BD
- Equine: GS
- Bovine: BPD, CRL, Trunk Diameter
- Ovine: BPD, CRL, Trunk Diameter

## Professional Clinical Applications

Abdominal  
Cardiac  
Vascular and Small parts  
Reproduction

## Standard configuration

Main unit, 15" LCD, 2 probe connectors,  
large-capacity memory, 2 USB ports  
Video out, TV out, LAN port, VGA out

## Options

- 3.5MHz Convex probe
- 7.5MHz Linear probe
- 5.0MHz Micro convex probe
- 6.0MHz Micro-convex probe\*
- 3.0MHz Phased array probe
- 6.0MHz Phased array probe\*
- 5.0MHz TEE probe \*
- Extended Cardiac Package: ECG, Free Steering M, Color M, TDI, IMT, Advanced Cardiac
- Measurement Software
- Biopsy kit is available (probe dependent)
- Video printer, PC printer
- Trolley
- DICOM3.0



3.5MHz Convex  
D3C60L



7.5MHz Linear  
D7L40L



5.0MHz Micro-Convex  
D5C20L



6.0MHz Micro-Convex  
D6C15L



3.0MHz Phased array  
D3P64L



6.0MHz Phased array  
D6P64L

\* FDA Pending

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