

[www.chison.com](http://www.chison.com)



# Q9VET

*Set The New Standard Of Excellence*

# CHISON

Value Beyond Imaging

# More than Mobile

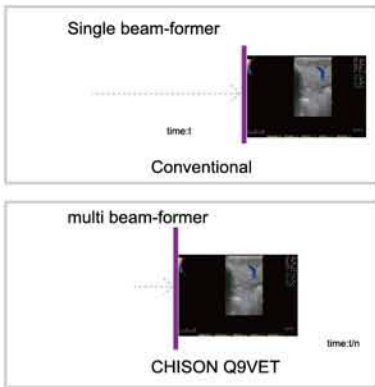


- ◎ **A New Class of System:**  
new standard in terms of image quality and solutions meets the Veterinary application requirement
- ◎ **Two Probe Connectors:**  
Two probe connected to the systems allow fast selection and activation as well as extended range of applications even in the portable configuration.
- ◎ **High performance 15" LCD monitor:**  
The most latest LCD technology ensure clear image visualization and minimum
- ◎ **Eyestrain Ergonomic Design:**  
Current color scheme and mode- dependent controls give you comfortable operation
- ◎ **Available with Cart. Viewing Angle Adjustable:**  
when positioned on the stationary trolley, it offers the consistency of a standard console system
- ◎ **Great Portability:**  
Q9 offers a wide of range of trolleys and accessories providing the freedom to bring it wherever you need and whenever you want.



# Performance Beyond Expectation

- ◎ VET dedicated software:  
Expert veterinary preset, measurement and bodymark
- ◎ State of the art image technology:  
Multiple beam former, Compound imaging, THI, advanced color filter technology
- ◎ 18MHz Linear Probe:  
Provide great image for small pets
- ◎ Intelligent workflow:  
One key optimization, Automatic PW trace in real time
- ◎ Complete cardiac package:  
HPRF, CW, Steer M mode, Color M mode, TDI mode



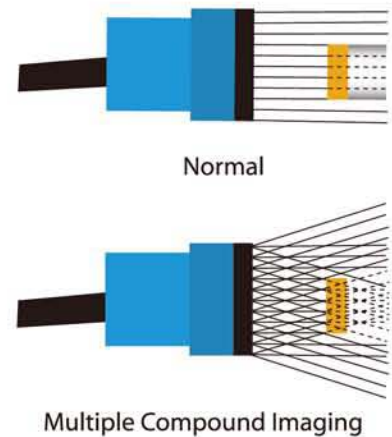
## Multi-Beam former

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

While Chison Q9 VET 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.

## 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



Legend: Tissue (yellow), the shadow created by the sound wave (grey)





## 18MHz Linear Probe

Provide great image for small pets



## 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.

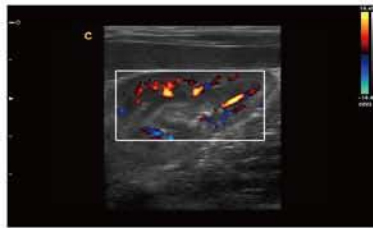




## Premium Image Quality



Canine aorta short axis-CFM mode



Canine kidney-CFM mode



Canine kidney-B mode



Canine Bladder-B mode



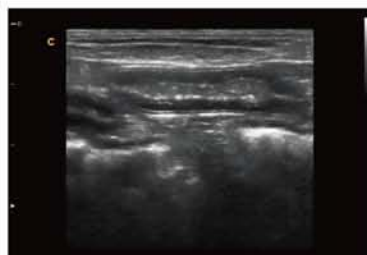
Canine liver-B mode



Canine Pancrea-B mode



Canine Spleen-B mode



Feline intestine-B mode



LV short axis-M mode



## *Wide Range of Probe Selection*



4.0MHz-10.7MHz Micro-Convex  
D6C15L



3.5MHz-8.0MHz Micro-Convex  
D5C20L



5.0MHz-10.0MHz Linear  
D7L40L



7.0MHz-15.0MHz Linear  
D12L40L



2.5MHz-4.0MHz Phased array  
D3P64L



4.0MHz-10.0MHz Phased array  
D6P64L



2.5MHz-5.3MHz Convex  
D3C60L



4.0MHz-10.0MHz Linear Rectal  
D7L50L-A

## **CHISON MEDICAL IMAGING CO., LTD.**

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