

DISCOVER THE MOST RELIABLE AND DURABLE VETERINARY ULTRASOUND SYSTEM




ECUBE *i7* Vet

Portable Ultrasound System

EXCELLENT IMAGING QUALITY

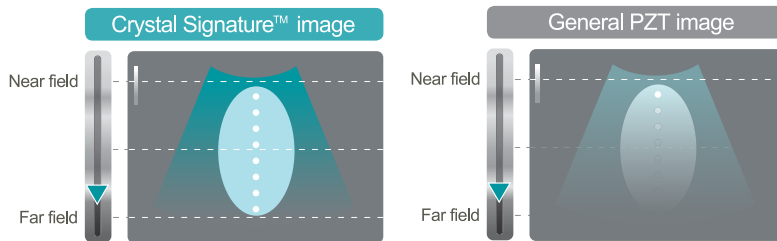
Cart-based ultrasound system architecture



With the powerful and qualified cart-based ultrasound system architecture, the E-CUBE i7 brings a new level of image clarity to compact ultrasound systems.

Crystal Signature™ :

High class single crystal transducer technology



ALPINION's Crystal Signature™ transducers improve penetration in difficult-to-image patients and to reduce clutter so clinicians can view fine structures in precise detail.

Outstanding Transducers :

Micro-convex, C5-8NT
Phased array, SP3-8



The C5-8NT and SP3-8T providing high resolution and penetration is the ideal choice for cardiac scanning as well as small animal abdominal scanning.

Optimal Imaging Suite™ :

SRI / FullSRI™ Speckle Reduction Imaging

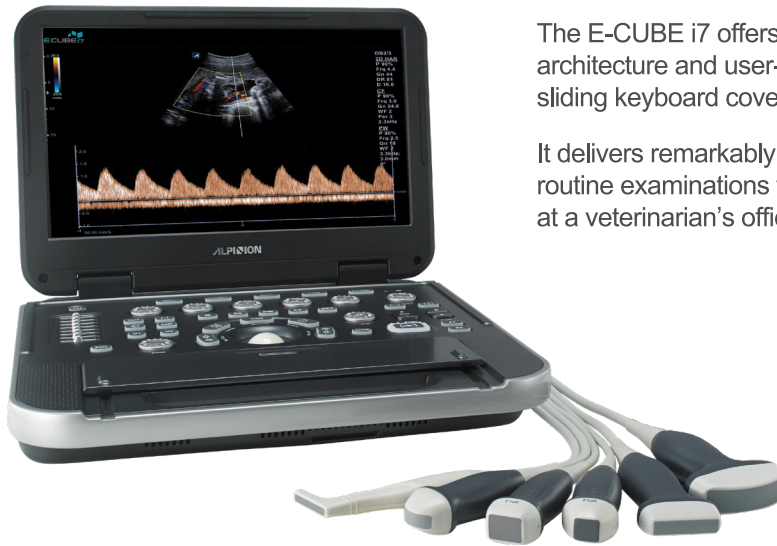
SCI Spatial Compounding Imaging

FTHI Filtered Tissue Harmonic Imaging

PITHI Pulse Inversion Tissue Harmonic

Optimal Imaging Suite™, ALPINION's integrated image post processing software set, better border definition and increased resolution by reducing artifacts while maintaining true tissue appearance.

OPTIMAL CLINICAL ENVIRONMENTS



The E-CUBE i7 offers a powerful and qualified system architecture and user-optimized design with a unique sliding keyboard cover.

It delivers remarkably excellent imaging performance from routine examinations to complex cardiac examinations at a veterinarian's office.

Mobility

- 1-hour battery life
- Light weight system (7.2kg with battery & transducers)
- Compact laptop style with a carrying case

Scanning Comfort

- 15.6" wide & high resolution(1600 x 900) LED monitor with IPS technology (wider viewing angle, better expression of color/contrast, less eye strain)

Speed

- Fast boot-up with integrated SSD (less than 45 seconds)

Durability

- Durable aluminum shell

Library Quiet

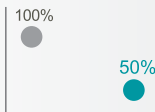
- Silent fan

Decibel (Loudness)	Comparison
Library	E-CUBE i7
30	31

Sliding Keyboard Cover

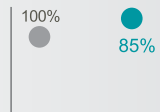
The E-CUBE i7's unique sliding keyboard cover and ergonomically located keyboard provide better support for the user's arms and wrists when typing. In addition to these benefits, the new cover design also prevents the keyboard from being contaminated by dust, gel, fluid, and blood.

Pressure on Carpal Tunnel



- HCU without sliding keyboard cover
- E-CUBE i7

Muscle Tension



The study of wrist angle while using hand carried ultrasonograph machine with wrist supporting device, Department of Orthopedics, Korea University Guro Hospital, Seoul, South Korea, 2015



HIGH-PERFORMANCE WITH CLINICAL VERSATILITY



Canine Pregnancy



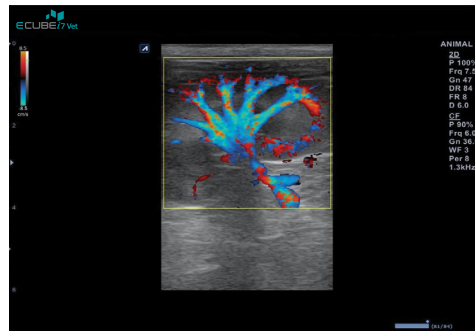
Canine GB Stone



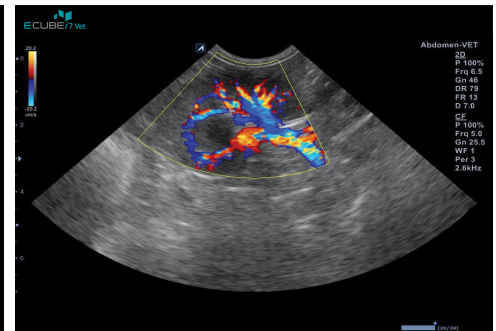
Canine Liver with L3-12T



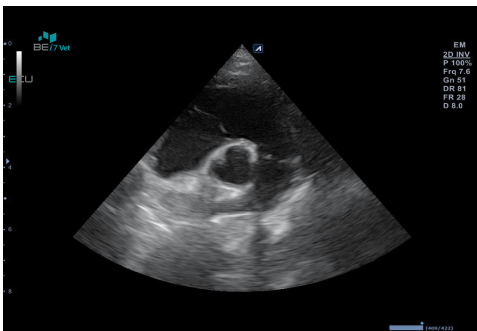
Canine Liver Mass with C5-8NT



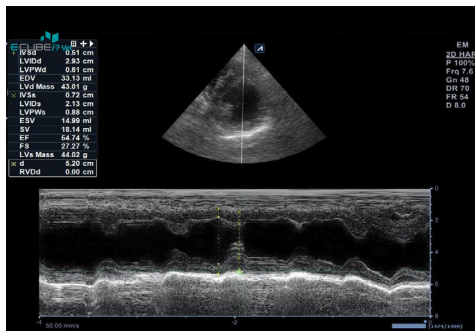
Feline Kidney Color Flow



Canine Renal Color Perfusion with C5-8NT



Canine Parasternal Short Axis View (Heart) with SP3-8



Canine M-Mode Measurement for Fractional Shortening

A Full Suite of Imaging Technologies and Transducers

Software

- Needle Vision™ / Needle Vision™ Plus
- Xpeed™
- Auto IMT
- Anatomical M-Mode
- CW
- Cardiac M&R Package
- TDI
- Panoramic Imaging
- Live Dual
- Auto Trace PW

Transducer

- Convex (C5-8NT, C1-6T)
- Linear (IO8-17T, L3-12T)
- Phased (SP1-5T, SP3-8T)

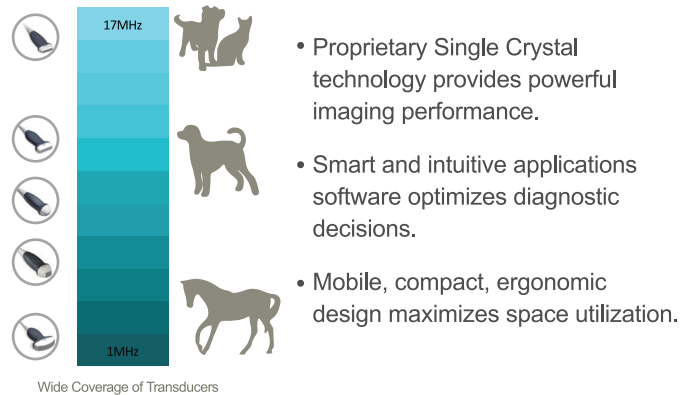


81 Ruckman Rd. Closter NJ 07624
 Tel: 888.854.5848 Support: 201.585.0302
 information@myvetimaging.com www.myvetimaging.com

OPTIMIZED SOLUTIONS FOR VETERINARY DAILY PRACTICE



ECUBE7



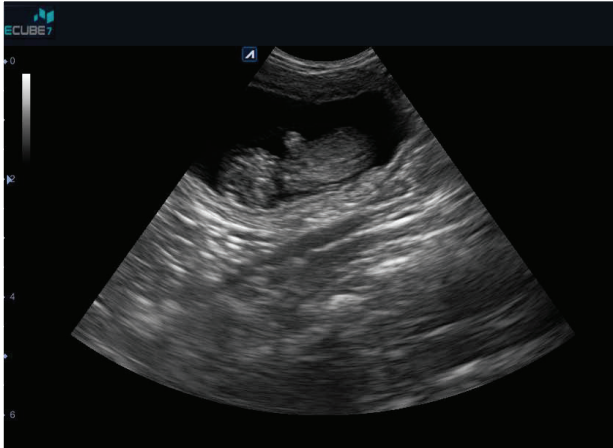
◀ Diagnostic Imaging Tools

- Optical Imaging Suite™
ALPINION's core imaging enhancement set (SRI / FullSRI™, SCI, FTHI, and FCI)
- Xpeed™
A Single touch image optimization tool
- Auto trace PW, CW
- Anatomical M-mode
- Tissue Doppler Imaging
- Virtual Convex Imaging
- High sensitivity Directional Power Doppler Imaging

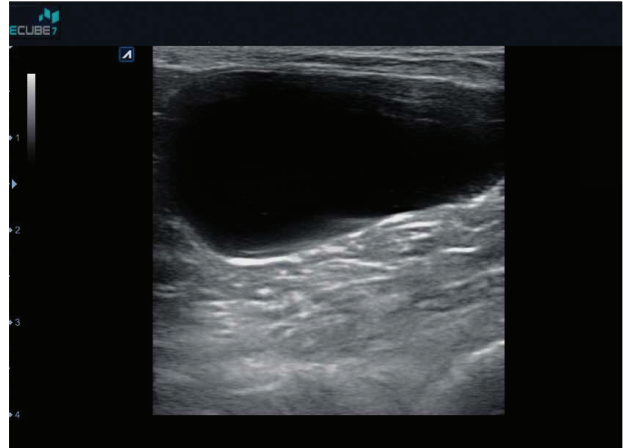
◀ High Performance Transducers

E-CUBE 7 is powered by a wide portfolio of transducers featuring ALPINION's unrivalled acoustic technology. Crystal Signature™ provides high quality imaging and covers every application from small to large animals.

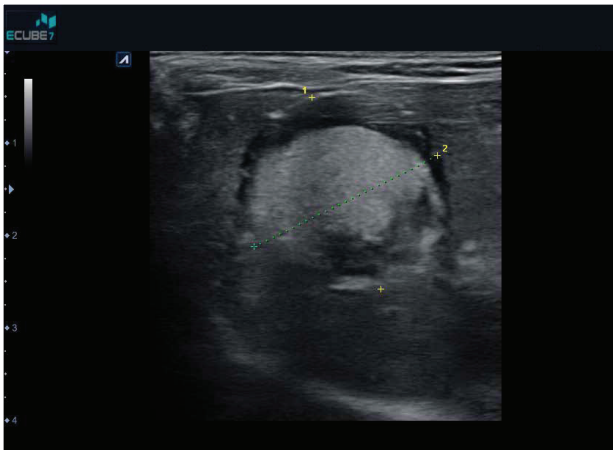
Powerful Image Performance



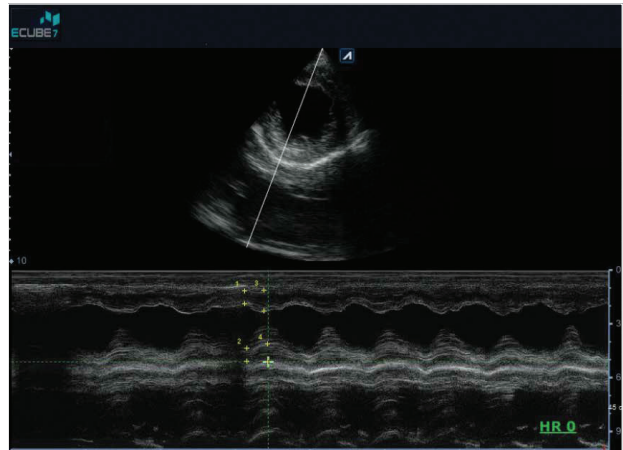
Cat pregnancy



Bladder



Gallbladder Sludge



Cardiac

Product Specifications

Weight / Height	57kg / 1,355 – 1,425 mm
Monitor	19.5" wide LED display
Transducer ports	3 active Transducer ports (3rd port is optional)
System response time	Boot time: 60 sec Shutdown time: 18 sec
Storage	DICOM Network Storage Integrated SSD 512GB 6 USB ports / CD / DVD

Transducers

Linear	L8-17 L3-12 L3-12H L3-12H WD	
Convex	C5-8N SC1-6 C1-6	
Phased Array	SP1-5 SP3-8	



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information@myvetimaging.com www.myvetimaging.com