




ECUBE *i7* Vet
Veterinary Ultrasound



ALPINION MEDICAL SYSTEMS
We are Ultrasound Professionals

Discover The Most Reliable And Durable Veterinary Ultrasound System for Companion Animals

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.

Excellent Imaging Quality

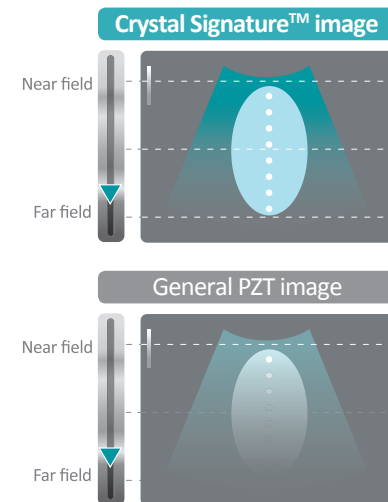
Cart-based ultrasound system architecture



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

C5-8NT



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 Imaging

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

High-performance with Clinical Versatility



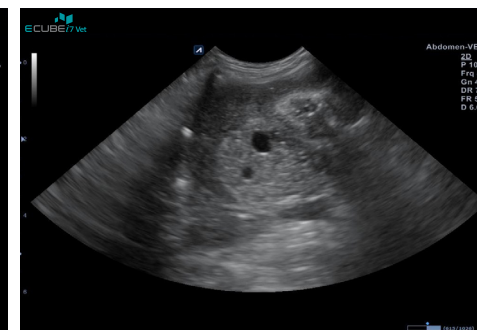
Canine Pregnancy



Canine GB Stone



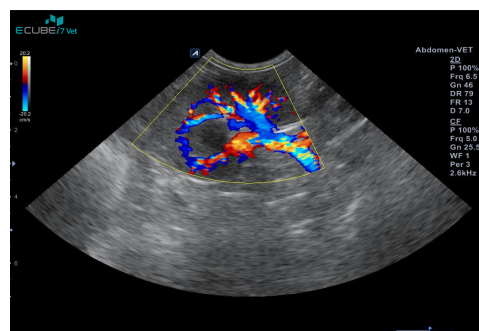
Canine Liver with L3-12T



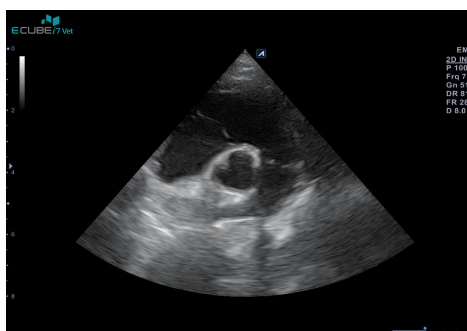
Canine Liver Mass with C5-8NT



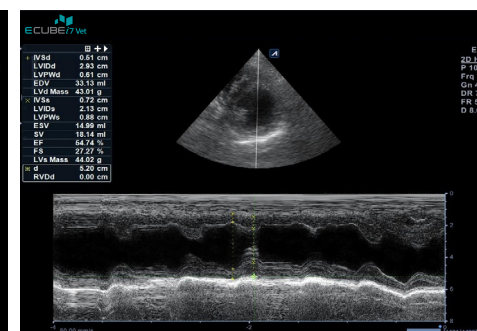
Feline Kidney Color Flow



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
- Cardiac M&R Package

- Xspeed™
- TDI

- Auto IMT
- Panoramic Imaging

- Anatomical M-Mode
- Live Dual

- CW
- Auto Trace PW

Transducer

- Convex (C5-8NT, C1-6T)

- Linear (IO8-17T, L3-12T)

- Phased (SP1-5T, SP3-8T)

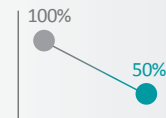
Optimal Clinical Environments



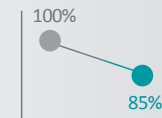
Sliding Keyboard Cover

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



Muscle Tension



- HCU without sliding keyboard cover
- E-CUBE i7

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



Mobility

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

Speed

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

Library Quiet

- Silent fan

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

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)

Durability

- Durable aluminum shell



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