ECO3 EXPERT VET

Black & White with Doppler
Stunningly Good
Advanced Imaging Technologies

**ECHO**
- Advanced technologies:
  - i-Image (Intelligent image optimization)
  - THI (Tissue Harmonic Image)
  - SRA (Speckle Reduction Algorithm)
- Compound imaging
- Full digital beam-former
- Trapezoid
- Automatic PW trace
- Chroma
- Full screen display mode
- AIO (Automatic image optimization)

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**ECO-friendly**
- Less radiation
- Less power consumption
- Longer usage life: LED
- Rechargeable Battery system (2 hours)

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**Ergonomics**
- Rotatable LED (0~30°): taller to different viewing angles
- Ultra-compact & Ultra-light
- Easy to carry
- Keyboard: For easy and quick access
- Dedicated cart TR 9000
- Streamlined work-flow
- Anti-water keyboard cover

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**Economic**
- The latest platform & more advanced chip-set: brings you better image quality and features at less cost in a more compact box
- Support PC printer, reduce investment & day to day paper cost
- 320G harddisk (option)
- Vehicular Charging

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**Excellent PW**
resolution and automatic PW trace measurement will greatly improve the diagnosis confidence by delivering both qualitative & quantitative results.
Streamlined workflow
Easy diagnosis!

1. **ONE KEY** to select the desired application with automatic preset

2. **ONE KEY** to optimize the image automatically.
   AIO (Automatic image optimization)

3. **ONE KEY** to save still image and CINE loop

4. **ONE KEY** to measure

5. **ONE KEY** to make report

6. **ONE KEY** to print to PC or video printer (see page 4 option)

Canine Liver, B Mode
Canine Kidney, B Mode
Canine Fetus, B Mode

Canine Bladder, B Mode
Canine Spleen, B Mode
Bovine Reproduction, B Mode

Canine AC, B Mode
Canine Cardiac, PW Mode
Canine Cardiac, B Mode
The New Definition of High-end B&W Ultrasound

scil animal care company is a leading shipper of innovative ultrasound products for diagnostic use exclusively for the veterinary professions throughout the world. scil provides quality and excellence delivering high performance ultrasound equipment to the veterinary industry at an affordable price. scil can provide customers with additional services including ultrasound education and teleradiology services.

About the ECO3VET System
The ECO3VET is a new B/W portable ultrasound system that offers users an ultra-compact solution with streamlined workflow making diagnosis easy. The ECO3VET features brilliant Black/White imaging capability and excellent performance, with impressive THI (Tissue Harmonic Imaging) and excellent PW. Automatic PW trace measurement improves your confidence by delivering both qualitative and quantitative results. Its uniquely small design with fast boot-up capabilities, rechargeable batteries (from the car as well), and light-weight multi-frequency transducers provides you with the ability to scan or take into the field at any time.

Imaging Modes
• THI (Tissue Harmonic Imaging)
  Improves contrast and spatial resolution plus signal to noise ratio, reduces slice thickness, artifacts and noise.
• B/M Mode, M-mode
• B, B/B, 4B -mode
• Pulsed Wave Doppler (PW)
• Split Screen

Advanced Processing Technology
• Speckle Reduction SRA: Speckle Reduction Technology reduces noise while increasing border definition and diagnostic confidence
• Compound Imaging: Compound image technology combines multiple coplanar images captured from different beam angles to form an integrated image
• Trapezoidal Imaging: Increases the field of view for both linear and convex probes, to aid in ultrasound diagnosis
• Automatic Optimization i-image: Automatically adjusts parameters to display the perfect image quality for the type of organ/tissue being imaged.
• Full Digital Beam Forming: Our latest advancement provides higher signal to noise ratio and better spatial resolution for improved image quality.