

CTS-900V Portable Ultrasound Scanner

Manufacturer: SIUI

Model: CTS-900V Ultrasound Scanner



Summary:

The 900V digital hand-carried ultrasound scanner is a high-resolution Linear/Microconvex system for small and large animal applications. Its Laptop design incorporating rechargeable battery or mains power operation make this a 'go anywhere' ultrasound system. Delivering clean, crisp ultrasound images with the very latest in multi-frequency probes.

The 900V has veterinary software with touch pad operation, cineloop, USB ports and on-board image storage.

SPECIFICATIONS

Scanning Method

- Electronic Convex
- Electronic Microconvex
- Electronic Linear

Imaging Mode

- B, 2B & 4B mode
- B/M mode
- M mode
- Zoom (realtime & frozen)

Display

- 10.4 inch LCD
- 256 greyscales

Physical Characteristics

- Height: 85mm
- Width: 310mm
- Depth: 270mm
- Weight: Approx 3.5Kg

Probes

- L5I65VH 3.5/4.0/5.0/6.0/7.5MHz
65mm Veterinary Rectal Probe

- L7I50VH 5.0/6.0/7.5/8.5/10.0MHz
50mm Veterinary Rectal Probe
- L7I38H 5.0/6.0/7.5/8.5/10.0MHz
38mm Linear Probe
- C3I60H 2.5/3.0/3.5/4.0/5.0MHz
R60 Convex Probe
- C5I20H 3.5/4.0/5.0/6.0/7.5MHz
R20 Microconvex Probe
- C6I15H 4.5/5.2/6.0/6.7/7.5MHz
R15 Microconvex Probe

User Interface

- Controls: B, 2B, 4B, B+M, M modes, 6 step TGC control, freeze, measure, frequency, patient ID, focus
- Adjustable depth, angle & width (probe dependent)
- Edge enhancement
- Line density
- Dynamic range
- Smoothness
- Greyscale processing

Cineloop & Image Transfer

- 256 frames in B-mode
- 256 seconds in M-mode
- 2 X USB connection ports
- RJ-45 Port
- Hard disc 2G which can store up to 4000 images
- DICOM 3.0 (option)

Measurement & Software

- Distance
- Area and circumference
- Volume
- Veterinary software
- Cardiology software

Power

- AC100~240V, 50-60Hz
- Rechargeable battery with approx. 2+ hours operation

Display Annotation

- Focus
- Scale size
- Frequency
- Gain settings
- Body marks

- Time & Date
- Patient ID

Standard Accessories

- Lithium battery
- Battery charger
- Power adaptor
- Cable for car cigarette lighter
- BNC cable
- Video cable
- Printer control cable
- Operation manual

Peripheral Connections

- Composite video output to recording device, video printer or external monitor



**The specification is subject to change without notice*