

CTS-5500V Portable Ultrasound Scanner

Manufacturer: SIUI

Model: CTS-5500V Digital Ultrasound Scanner



Summary:

The CTS-5500V portable digital ultrasound scanner is a high-resolution Linear/Convex/Microconvex system incorporating a 10-inch monitor. Excellent image quality coupled with cineloop, large image storage and multi-frequency probes. The 5500V has comprehensive veterinary software, USB port and network connection. Ideal for large and small animal applications the 5500V is a highly cost-effective system able to meet current and future needs.

SPECIFICATIONS

Scanning Method

- Linear electronic scan
- Convex electronic scan
- Microconvex electronic scan

Imaging Mode

- B, 2B, 4B mode
- M and B/M mode
- Zoom

Monitor

- 24cm B/W monitor
- 256 greyscales

Physical Characteristics

- Height: 310mm
- Width: 320mm
- Depth: 415mm
- Weight: Approx. 11Kg (including probe)

Probes

- L7150V 5.0/6.2/7.5/8.2/10.0MHz Veterinary Linear Rectal Probe
- L5165V 3.5/4.2/5.0/6.0/7.0MHz Veterinary Linear Rectal Probe

- C5120B 3.5/4.0/5.0/6.0/7.5MHz R20 Microconvex Probe
- C3160 2.5/3.0/3.5/4.0/5.0MHz R60 Convex Probe
- L7138 5.0/6.2/7.5/8.2/10.0MHz 38mm Linear Probe

User Interface

- Controls: B, B+B, B+M, M modes near gain, far gain, overall gain, freeze, measure, depth, zoom, position, patient ID, date/time
- Backlit keyboard
- Probe selection keys
- User define keys
- Programmable preset function
- Edge enhancement
- Frame correlation
- Pre and Post processing

Cineloop & Image Storage

- Cineloop 256 frames. Format CINE, CTS and AVI
- 2 X USB ports
- RJ-45 network port
- Store images in JPEG or BMP format and transfer to computer

Measurement

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

Power Requirements

- 250VA

Display Annotation

- Focus
- Scale size
- Frequency
- Gain settings
- Time & Date

- Patient ID
- Body marks

Accessories

- Padded carrying bag
- Trolley
- DICOM 3.0 software
- USB or Thermal printer
- Stand-offs
- Ultrasound gel

Peripheral Connections

- Composite video output to videocassette recorder, video printer or external monitor



**The specification is subject to change without notice*