

CTS-485V Portable Ultrasound Scanner

Manufacturer: SIUI

Model: CTS-485V Ultrasound Scanner



Summary:

The 485V portable ultrasound scanner is a high-resolution Linear / Microconvex system for small and large animal applications. Delivering clean, crisp ultrasound images in a portable format. All major functions are logically placed on the keyboard that can be folded away during transit. The 485V has veterinary software and comes with software to allow connection to a PC.

SPECIFICATIONS

Scanning Method

- Linear electronic scan
- Microconvex electronic scan

Imaging Mode

- B mode
- B+B mode
- B / M mode
- M mode
- Zoom

Monitor

- 9 inch B/W monitor
- 256 greyscales

Physical Characteristics

- Height: 405mm
- Width: 295mm
- Depth: 260mm
- Weight: Approx. 11Kg (including probe)

Probes

- L7I50V 5.0/7.5/10.0MHz 50mm Veterinary Rectal Probe
- L7I50 5.9/7.5/10.0MHz 50mm Linear Probe

- C5I20 4.0/5.0/6.5MHz R20 Microconvex Probe
- C3I40 2.5/3.5/5.9MHz R40 Convex Probe
- C3H20 2.5/3.5/5.0MHz R20 Microconvex 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
- Probe selection keys
- Edge enhancement
- Frame correlation
- Pre and Post processing

Cineloop & Image Transfer

- 64 frames in B-mode
- Transfer and store images in JPEG, BMP or TIFF format to computer via RS-232C

Measurement

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

Power

- AC: 220-230, 50-60 Hz 80VA

Display Annotation

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

Accessories

- Padded carrying bag
- Monitor
- 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*