

CTS-5500 Portable Ultrasound Scanner

Manufacturer: SIUI

Model: CTS-5500 Digital Ultrasound Scanner



Summary:

The CTS-5500 portable digital ultrasound scanner is a high-resolution Linear/Convex system incorporating a 10-inch monitor. Perfect for a wide range of general ultrasound applications, including abdominal, OBGYN, podiatric, musculoskeletal, urological, basic cardiac, vascular and paediatric. Excellent image quality coupled with cineloop, large image storage and multi-frequency probes. The 5500 has comprehensive software, USB port and network connection.

SPECIFICATIONS

Scanning Method

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

Imaging Mode

- B, 2B, 4B mode
- M and B/M mode
- Realtime zoom & selectable zoom position

Monitor

- 10" B/W monitor
- 256 greyscales

Physical Characteristics

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

Probes

- C3I60 2.5/3.0/3.5/4.0/5.0MHz R60 Convex Probe
- L7I50 5.0/6.0/7.5/8.5/10.0MHz 50mm Linear Probe

- L7I38 5.0/6.0/7.5/8.5/10.0MHz 38mm Linear Probe
- V5H11 3.5/4.0/5.0/6.0/7.5MHz R11 Transvaginal Probe
- C5I20 3.5/4.2/5.0/5.7/6.5MHz R20 Microconvex Probe
- C3I40 2.5/3.0/3.5/4.0/5.0MHz R40 Convex 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
- Adjustable depth, angle & width (probe dependent)
- Line density (auto)
- Edge enhancement
- Frame correlation
- Pre and Post processing

Cineloop & Image Storage

- Cineloop 256 frames in B-mode & 2560 seconds in M-mode
- 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
- Obstetric & Gynaecological
- Cardiology software
- Urology
- Vascular
- Small parts
- Orthopaedics

Power Rate

- 250VA

Display Annotation

- Focus
- Scale size
- Frequency

- Gain settings
- Time & Date
- Patient ID
- Body marks

Accessories

- Padded carrying bag
- Trolley
- 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*