

CTS-900 Portable Ultrasound Scanner

Manufacturer: SIUI

Model: CTS-900 Ultrasound Scanner



Summary:

The 900 digital hand-carried ultrasound imaging system is a truly compact yet attractive system featuring outstanding technology that will enable the user to fulfil present and future requirements for diagnosis within the ultrasound field. Its Laptop design incorporating rechargeable battery or mains power operation make this a 'go anywhere' ultrasound system. Excellent image quality coupled with image storage, USB port, comprehensive software and multi-frequency probes make this a very popular system.

SPECIFICATIONS

Scanning Method

- Electronic Linear
- Electronic Convex
- Electronic Microconvex

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

- 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
- L7I38H 5.0/6.0/7.5/8.5/10.0MHz
38mm Linear Probe
- V5H11H 3.5/4.0/5.0/6.0/7.5MHz
R11 Microconvex Vaginal Probe

User Interface

- Controls: B, 2B, 4B, B+M, M modes, 6 step TGC, 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
- 2GB Memory which can store up to 4,000 images.
- 2 X USB connection port
- RJ-45 Port
- DICOM 3.0 software option

Measurement & Software

- Distance
- Area and circumference
- Volume
- Obstetric & Gynaecology
- Cardiology
- Urology
- Cardiac
- Vascular
- Orthopaedics

Power

- AC 100V to 240V 50-60Hz
- Rechargeable battery with 90 to 120 minutes operation

Display Annotation

- Focus

- Scale size
- Frequency
- Gain settings
- Body marks
- Time & Date
- Patient ID

Standard Accessories

- Battery
- Battery charger
- DC power cable (connection cable for car cigarette lighter)
- Power adaptor
- Video cable

Peripheral Connections

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



**The specification is subject to change without notice*