



CTS-900^{Plus}

Digital Ultrasound Imaging System

New Generation Technology

Laptop Design

AC/DC Power Supply

Car Charger

SIUI



Portable, ready for emergency.

Charging via a car charger, highly effective.

CTS-900Plus

Digital Ultrasound Imaging System

The CTS-900Plus is a high-end laptop-design B&W ultrasound imaging system, which integrates SIUI's latest digital imaging technology and five-frequency probe technology. Its size is as small as a laptop. Though compact in dimension, it is featured with clear images and powerful functions, which are usually found in bulky ultrasound systems. It is suitable for ultrasound exams such as bedside checkup in hospitals, outgoing consultation and fieldwork.

New Generation Chip and Signal Processing Technology

- The currently highest integrated and performance TR signal processing chip in the industry is adopted for ensuring system high reliability and stability.
- Innovative segment logarithm compression ensures the user interested info lossless.
- The high velocity and resolution AD conversion guarantees good image resolution, making every minute lesion "nowhere to hide".
- The system penetration is greatly improved by the dynamic frequency transmitting technology, especially suitable for imaging difficult patients.

Ergonomic and Considerate Design

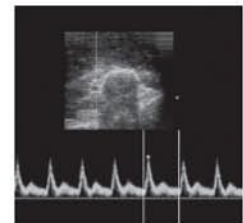
- **High Resolution LCD Monitor**
The 10.4-inch high resolution LCD monitor ensures images rich in layers. Meanwhile, its anti-dizziness and highlighting features enable its optimal view effect in any environment.
- **IP One-Touch Optimization:** One key for eight groups of optimization parameter adjustment and each optimization group has up to 14 parameters for adjusting, easy to achieve optimized images.
- **Power Saving:** In idle state, the system will auto enter sleep mode to save battery power.
- **Auto Freeze Function:** Time can be set to freeze probes automatically, extending service life of probes effectively.
- **Screen Saver Function:** to extend the service life of the special ultrasound monitor.
- **Distortion-free Live Zoom:** Distortion of zoomed images is a technical headache for many manufacturers. Doctors can see real zoomed images with SIUI's unique data processing technique.

Complete Management Function

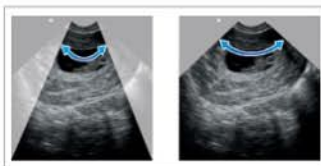
- **Storage Media:** Hard disk, USB disk and DICOM.
- **Storage Formats:** BMP, JPG, CTS, AVI and CIN, which can be played on a computer directly.
- **Patient Info Management:** Sonographers may archive patient info easily, significantly improving work efficiency.
- **Auto Creation of Image and File Report**
- **Off-line Diagnostic Function**

Digital Spectrum Doppler

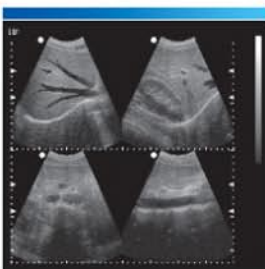
Combined with PW Doppler, the digital spectrum Doppler display and analysis units achieve clear and efficient diagnosis results.



Professional Probes



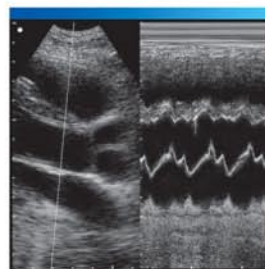
Convex probe is featured with big angle. The angle can be adjusted when scanning, which is intuitive, easy to use and may reduce patient discomfort.



4B



Thyroid



Heart



Carotid

SIUI

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Specifications and appearance are subject to change without prior notice.

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