



CTS-900

Digital Ultrasound Imaging System

Laptop Design

10.4-inch Color LCD

Digital Imaging Technology

Five-frequency Probes

Nine kinds of Chroma

AC/DC Power Supply

Car Charger

SIUI



Portable, ready for emergency.

Charging via a car charger, highly effective.

CTS-900

Digital Ultrasound Imaging System

The CTS-900 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 and it weighs 4.5kg only. 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.

Unique Firmware Upgrade Function

It adopts the most advanced FPGA (Field Programmable Gate Array) to achieve signal processing. The logic function of FPGA is configured by configuration files, which can be upgraded directly, so as to upgrade the whole ultrasound signal digital processing. With one USB disk alone, the user can continuously, timely and conveniently access our latest research results in this regard, which include: Improving image quality, supporting more probes, adding new features and so on.

Considerate and Simple User Setup

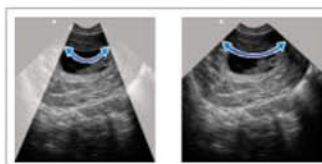
- ◆ **IP One-key Optimization**
One key for eight groups of optimization parameter adjustment and each optimization group has up to 14 parameters for adjusting, easy to achieve optimized images.
- ◆ **Distortion-free Live Zoom**
Distortion of zoomed images is a technical headache for many manufacturers. Doctors can see real zoomed image with SIUI's unique data processing technique.
- ◆ **Probe Auto Freeze Function**
Time can be set to freeze probes automatically, extending service life of probes effectively.
- ◆ **Screen Saver Function**
To extend service life of the special ultrasound monitor.
- ◆ **Power Saving:** In idle state, the system will automatically enter sleep mode, to save battery power.

Complete Management Function and Professional Software Package

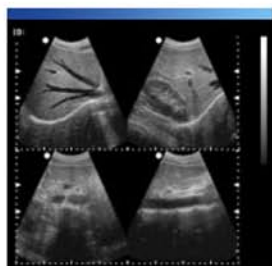
- ◆ **Storage Media:** Hard disk, USB disk and DICOM.
- ◆ **Storage Formats:** BMP, JPG, AVI and CIN
- ◆ **Auto Creation of English Image and File Report**
- ◆ **Off-line Diagnostic Function**
- ◆ **File and Edit of Patient Information**

Professional Probes

The CTS-900 can be equipped with a wide variety of probes, fully meeting different clinical diagnosis requirements. The probes used on the system adopt high-quality acoustic materials, manufactured with sophisticated techniques, ensuring that the probes have outstanding performance. They are featured with high density, broadband, five-frequency and large viewing angle.



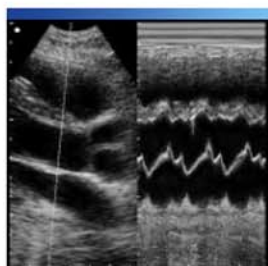
Observation with bigger angle and wider field of view



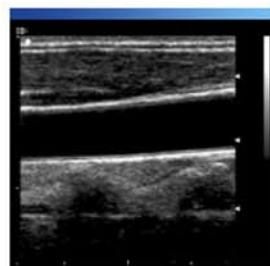
4B



Thyroid



Heart



Carotid Plaque

SIUI

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Specifications and appearance are subject to change without prior notice.

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