



## CTS-900V

Digital Veterinary Ultrasound Imaging System

- Digital Imaging Technology
- Five-frequency Probes
- Nine kinds of Chroma
- AC/DC Power Supply
- 10.4-inch Color LCD
- Laptop Design
- Car Charger

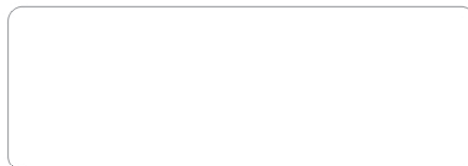
# SIUI

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Specifications and appearance are subject to change without prior notice.  
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# SIUI



Portable, ready for emergency.

Charging via a car charger, highly effective.

# CTS-900V

Digital Veterinary Ultrasound Imaging System

The CTS-900V 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 3.5kg 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 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

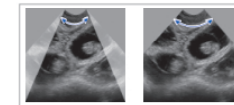
- ◆ **IP One-key Optimization**  
One key for eight groups of optimization parameter adjustment and each optimization group has up to 14 parameters for adjusting, easy to achieve optimized images.
- ◆ **Distortion-free Live Zoom**  
Distortion of zoomed images is a technical headache for many manufacturers. 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 Supply Management**  
Flexible power supply management, to maximally reduce system consumption and extend battery duration.

## Professional Veterinary Measurement and Calculation Software Package

- ◆ **Multiple Measurement Methods:**  
Ellipse-vol., Biplane-vol., Sphere-vol., Simpson-vol., Area ratio(t), Area ratio (e), Histogram
- ◆ **Abdomen:** liver, gallbladder, pancreas, spleen, kidney, bladder
- ◆ **Reproductive system of female:** uterus, ovary
- ◆ **Reproductive system of male:** prostate, testis, epididymis
- ◆ **OB:**  
GA and EDD can be calculated with GSD, CRL, BPD, HD, TD, BD  
Fetal growth chart can be created automatically with measurements based on multiple pregnancy.
- ◆ **Cardiology:** Abundant veterinary cardiology calculation and measurement software package

## Professional Probes

The CTS-900V 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.



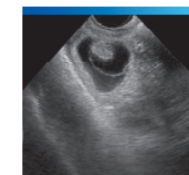
Observation with bigger angle and wider field of view



Luteum Cysts



Embryonic Death & Fetus Retain



Gestation (28-30 days)



Gestation and Luteum