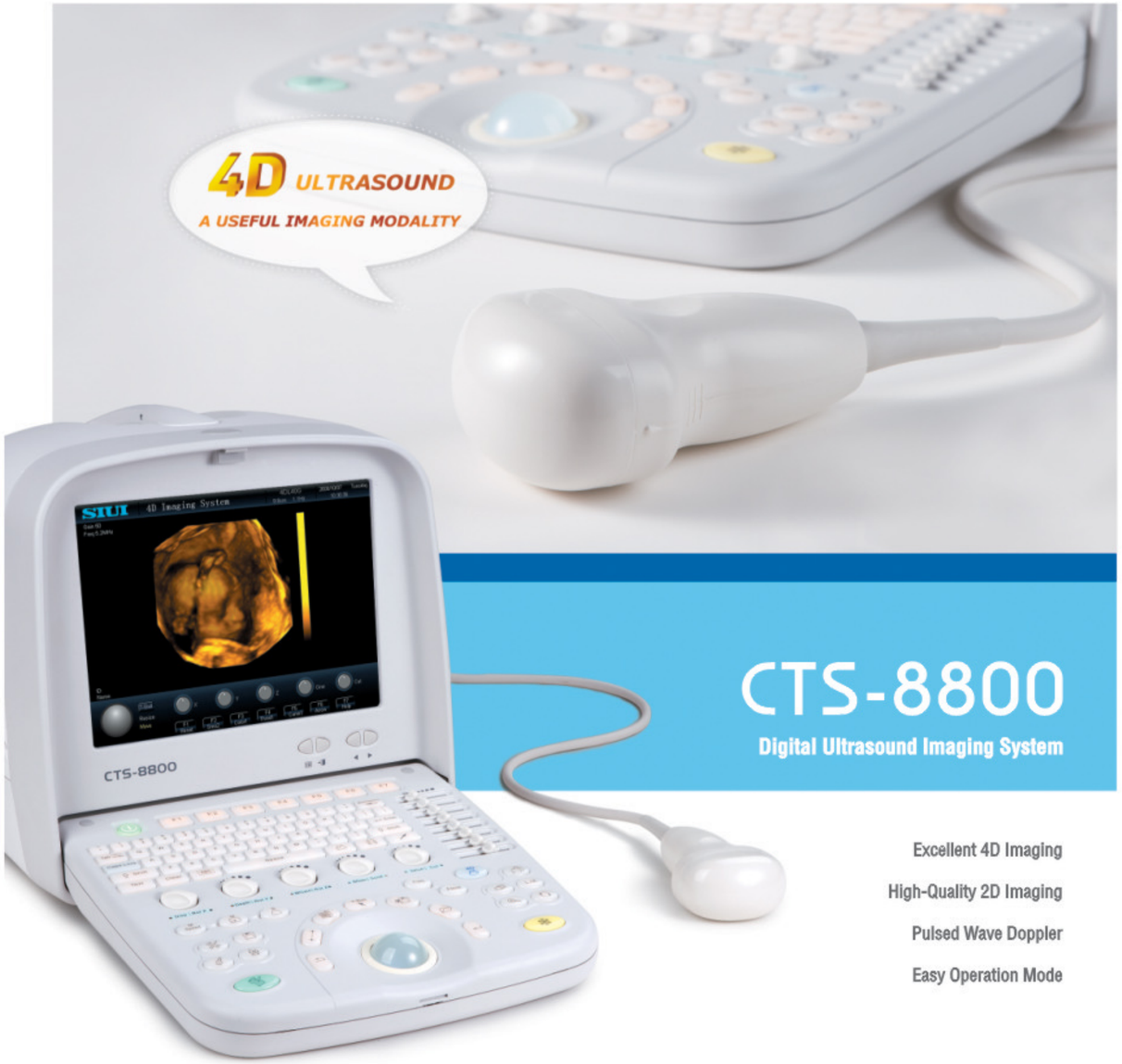

CTS-8800

Digital Ultrasound Imaging System

- Excellent 4D Imaging
- High-Quality 2D Imaging
- Pulsed Wave Doppler
- Easy Operation Mode

SIUI

SHANTOU INSTITUTE OF ULTRASONIC INSTRUMENTS CO., LTD.

Add: #77, Jinsha Road, Shantou 515041, Guangdong, China
Tel: +86-754-88250150 **Fax:** +86-754-88251499
E-mail: siui@siui.com **Website:** http://www.siui.com

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SIUI

CTS-8800

Digital Ultrasound Imaging System

To Popularize 4D Ultrasound Imaging

The 4D ultrasound imaging enables real time observation of 3D structure inside human body. Its application makes diagnosis more accurate, intuitive, complete and reliable, but most of the small and medium hospitals cannot afford its high cost.
The release of the CTS-8800 promotes development and popularization of 4D ultrasound imaging, and will certainly trigger revolutionary transformation to 4D ultrasound imaging.
Through the perfect match of 4D ultrasound and B&W imaging, the users can obtain 4D ultrasound imaging function at the mere cost of a B&W ultrasound, instead of high price for a high-end color Doppler, which dramatically reduces the purchase cost, as well as exam fee for the patients.
The CTS-8800 leads you to the 4D imaging world!

Outstanding 2D Imaging

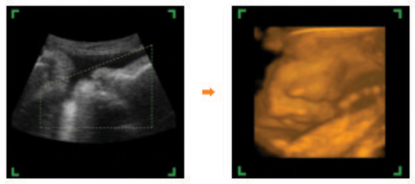
In addition to powerful 4D imaging function, the CTS-8800 is in itself a high-end portable ultrasound system, and it is featured with highly clear image quality and strong functions.

Excellent 4D Imaging Effect

By adopting techniques such as 3D data visualization, real time volume rendering, real time 3D filtering and real time lighting simulation, the CTS-8800 is featured with excellent 4D ultrasound imaging function.

Simple and Quick Operation

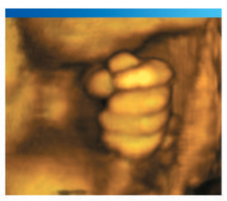
Unlike complicated operation in traditional 4D ultrasound imaging, the CTS-8800 adopts simple and quick operation method. Just with a few simple steps, the 4D ultrasound images can be easily obtained.



Display an ideal 2D image and perform sampling

4D imaging

Clear 4D Diagnostic Image



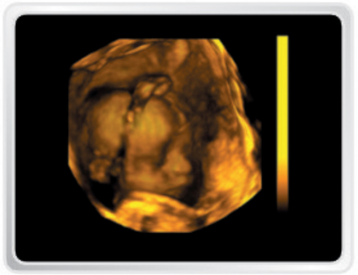
Hand

Face

Vertebra

Head

Full Screen 4D



Leading Volume Probe Technology

SIUI is one of the few manufacturers that can develop volume probe (also called 4D probe) in the world, and its technology is in leading position.

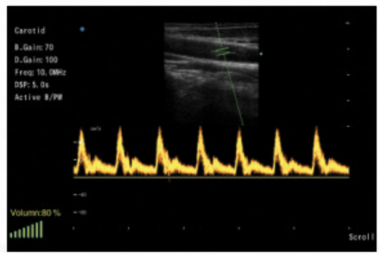
Therefore, the CTS-8800 is endowed with high-density high-definition volume probe, ensuring superb 4D ultrasound imaging effect.

High-Precision Digital Imaging Technology

- Full Digital Beam Forming (FDBF)
- Realtime Continuous Dynamic Focusing (RCDF)
- Realtime Dynamic Frequency Scanning (RDFS)
- Realtime Dynamic Aperture (RDA)
- Dynamic Realtime Apodization (DRA)
- High-Density Beamforming Scanning (HDBS)

Accurate beam forming and signal processing, digital image acquisition and processing ensure images with clear-cut edge and no distortion.

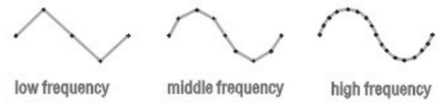
Pulsed Wave Doppler (Option)



Measure carotid artery flow

Excellent Image Processing Technology

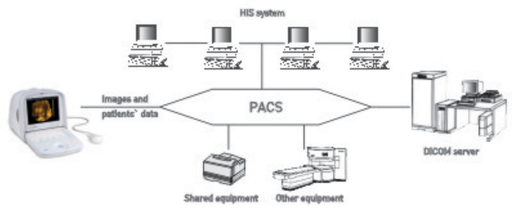
- Tissue Characterization Imaging
- High-Frequency Sampling
- Lossless Logarithm Compression
- Hi-Fi Cine Function



Complete Document Management System

The system can save 4D and 2D diagnostic images in different storage formats (BMP, JPG, AVI and CIN) into multiple storage media (hard disk, CD and USB disk), which can be directly played on a PC for medical exchange.

Large Capacity Hard Drive
USB Port
VGA Port
Network Port



Connection with PACS and HIS Systems through DICOM3.0(Option)