



CTS-5000



Shantou Institute of Ultrasonic Instruments Co., Ltd.

**HEADQUARTERS:**

Shantou Institute of Ultrasonic Instruments Co., Ltd.  
Add: No.77, Jinsha Road, Shantou 515041 Guangdong, China  
Tel: 86-754-8825 0150 Fax: 86-754-8825 1499  
E-mail: siui@siui.com

**HONG KONG OFFICE:**

Shantou Institute of Ultrasonic Instruments (HK) Co., Ltd.  
Add: Room 2101, Tung Chiu Commercial Center  
193 Lockhart Road, Wanchai, Hong Kong  
Tel: 852-2891 6722 Fax: 852-2891 6723

[www.siui.com](http://www.siui.com)

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CTS-5000/1602

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DIGITAL TROLLEY B/W DOPPLER SYSTEM



# CTS-5000

## ADVANCED IMAGING TECHNOLOGY

### ◎ Multi-beam Forming Technology

This technology can multiply receive and process scanning lines of images from each element, which largely increases the frame rate of images in B mode and PW mode.

### ◎ Adaptive Speckle Reduction Technology

The technology assists to reduce noise and artifacts, purify tissue shading and edging, improve contrast resolution and identify early tissue/structure lesion.

### ◎ Compound Imaging (Optional)

The technology helps to ease echo artifacts and improve spatial resolution by scanning the target with multi-direction beamforming.

### ◎ Smart One Key Optimization

With one button pressed, the system smartly adjusts TGC and B gain in B mode as well as base line.

## CLINICAL SOLUTIONS

### ◎ Auto IMT (Intima-Media Thickness) Measurement

The system can automatically measure the Intima-Media Thickness of carotid artery wall, so as to evaluate cardiovascular diseases such as hypertension diabetes.

### ◎ 4D Lite (Optional)

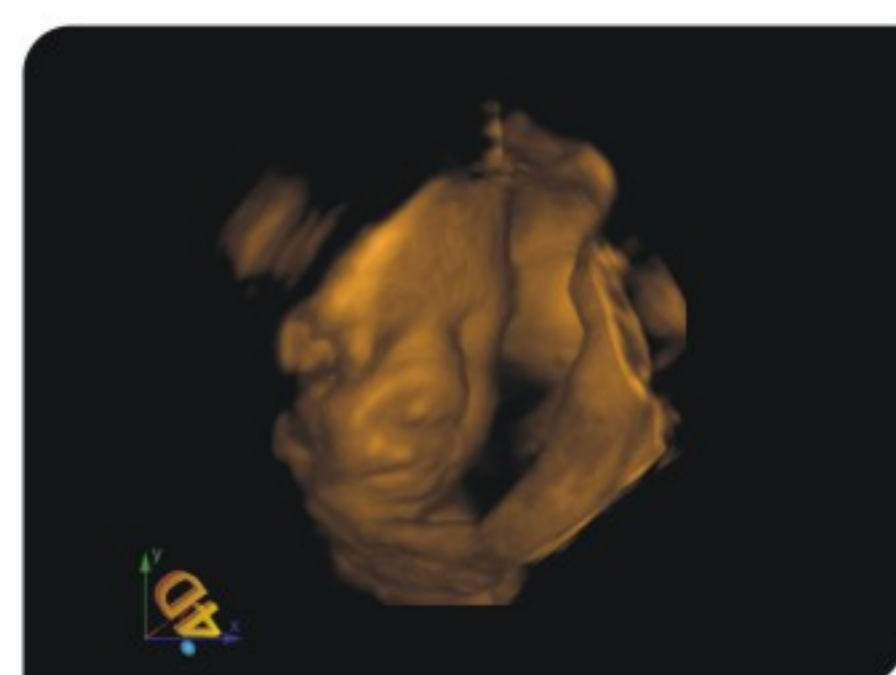
Volumetric imaging technology covers obstetric 4D fetus imaging and gynecological transvaginal volumetric imaging, which show more accurate and specific images for different clinical demands.

### ◎ Panoscope (Optional)

The system allows extending wider view for doctors to scan large area tissues with the movement of transducer scanning.

### ◎ CFM (Optional)

The color mode enables to detect the blood flow easily.



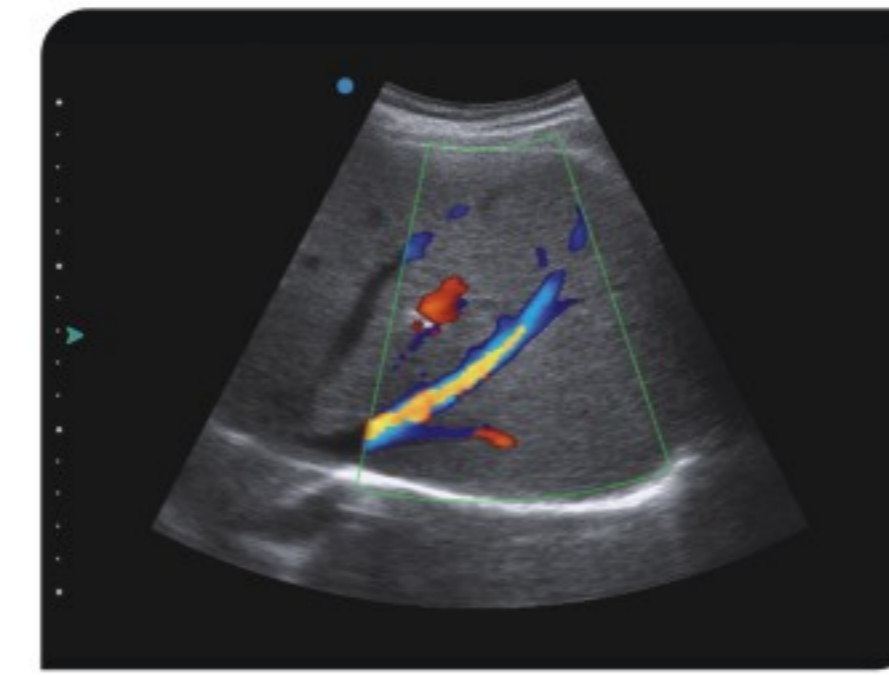
Face



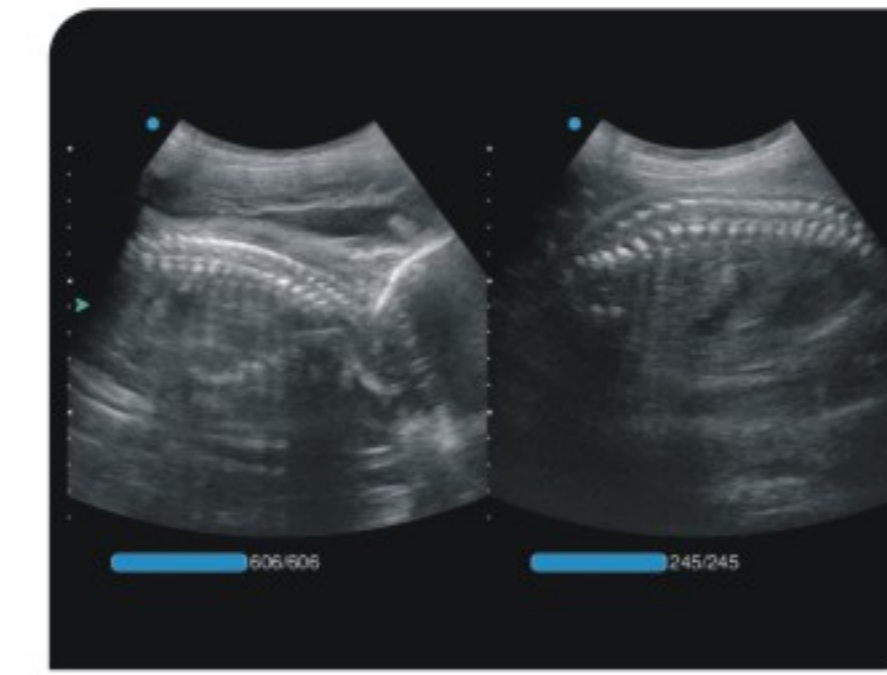
Fetal face 4D mode



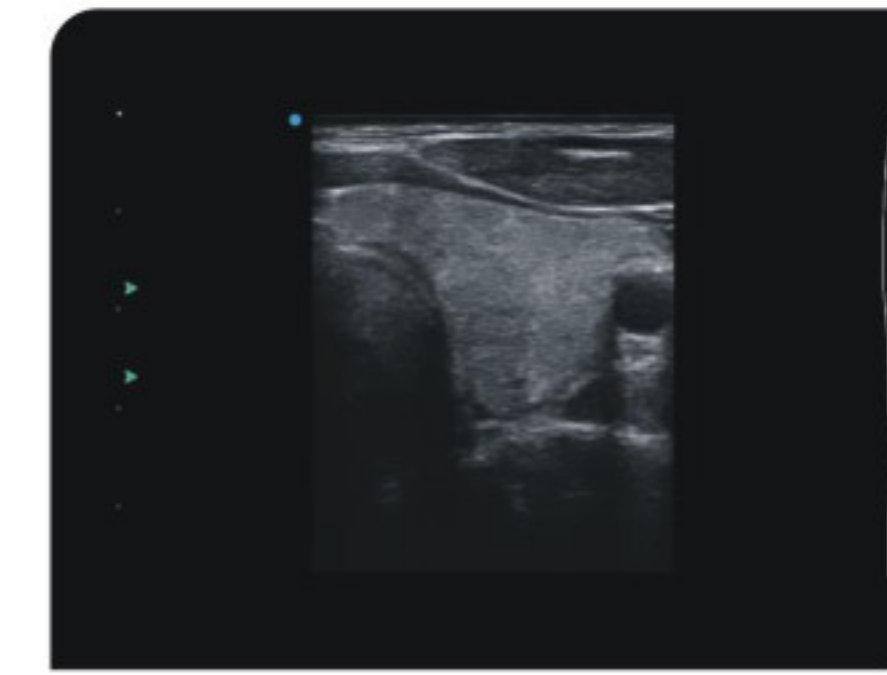
Breast cyst 2D mode



Fetal heart M mode



Fetal spine 2B mode



Thyroid 2D mode