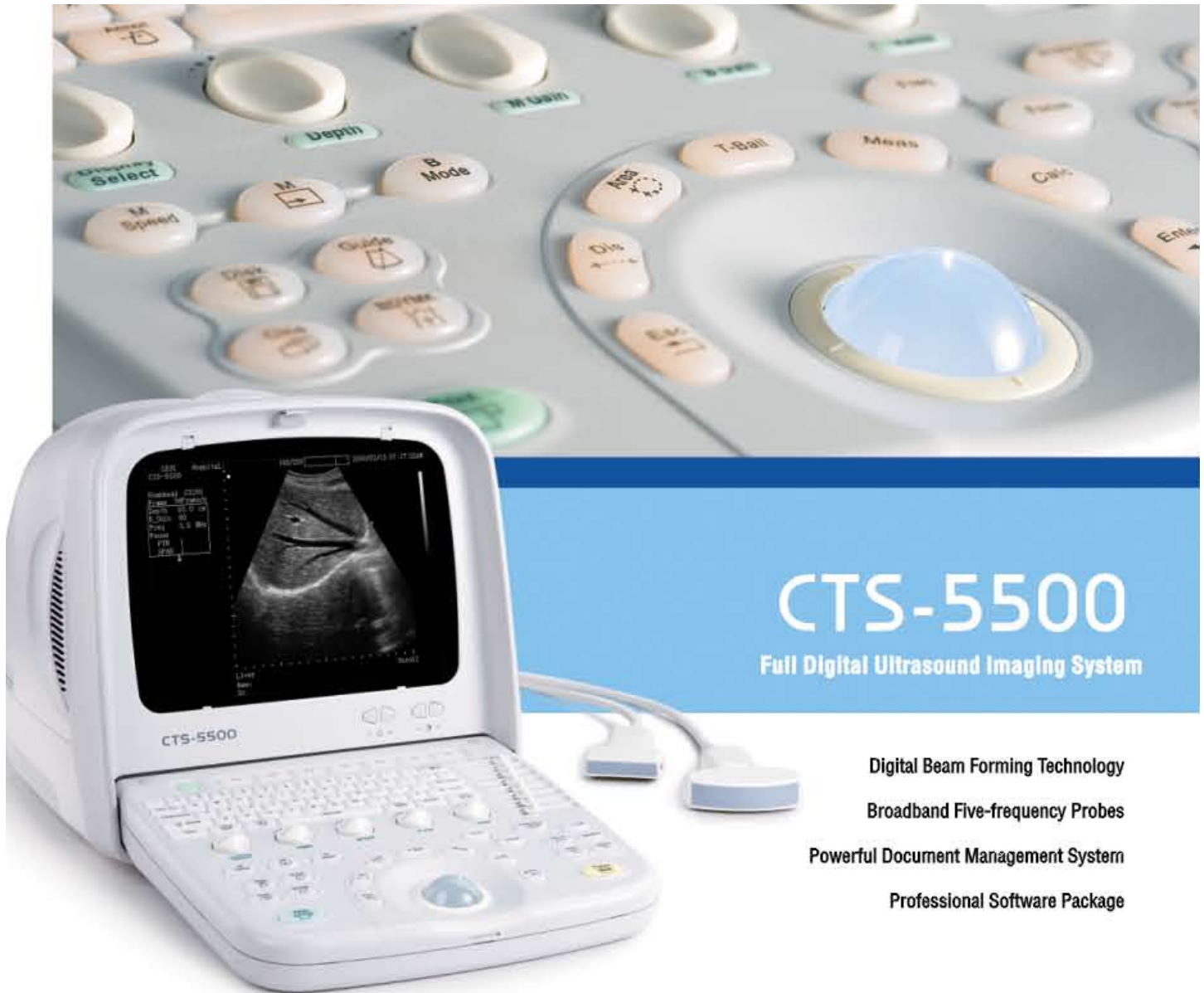


CTS-5500 Portable Ultrasound

Full Digital Ultrasound Imaging System



CTS-5500

Full Digital Ultrasound Imaging System

Digital Beam Forming Technology

Broadband Five-frequency Probes

Powerful Document Management System

Professional Software Package

CTS-5500 Portable Ultrasound

Full Digital Ultrasound Imaging System

CTS-5500

Full Digital Ultrasound Imaging System



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

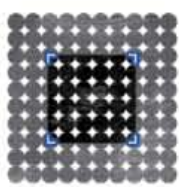


The CTS-5500 is a high-end digital ultrasound imaging system. It adopts high-density super-broadband five-frequency probes and digital imaging technologies, to achieve clear image quality. Powerful functions and configurations such as large capacity image storage, cine loop, USB ports, dual-probe connectors, 8-TGC, backlit silicon-gel keyboard and non-interlaced monitor are integrated in the system. The CTS-5500 is highly cost-effective and ideal for your smart choice.

Powerful System Functions

Unique High-Definition Zoom Function

When zooming the ROI, the user can double the acquired data, enabling higher tissue resolution and finer images.



X1.0, sampling point: 100/cm²



X2.0, sampling point: 200/cm²

PIP (Picture-in-Picture) Function

In frozen state, the user can zoom in any region of Interest (ROI), while maintaining the original diagnostic image for reference, to observe the zoom-in part clearly, thus diagnostic efficiency is improved.

User-defined Function Key

The user can assign a frequently-used function (e.g. BPD) on a certain key (e.g. F1), so as to address doctors' preferential clinical demands.

Invertible Image Orientation

Images can be inverted not only up/down/left/right, but also 90° continuously. The doctors may observe images as they prefer, clear at a glance in clinical exchange.

Smart Tracing Function

When measuring area or circumference, if the trace is not good, press **Backspace** to return to the proper place and then continue tracing.



IP One-key Optimization

One key for eight-parameter adjustment, easy image optimization.

CTS-5500 Portable Ultrasound

Full Digital Ultrasound Imaging System

Perfect Document Management System

Storage Media

Hard disk, USB disk and DICOM.

Storage Formats

BMP, JPG, CIN and AVI.

Cineloop

Each file has up to 256 frames, play back speed adjustable.

Annotation

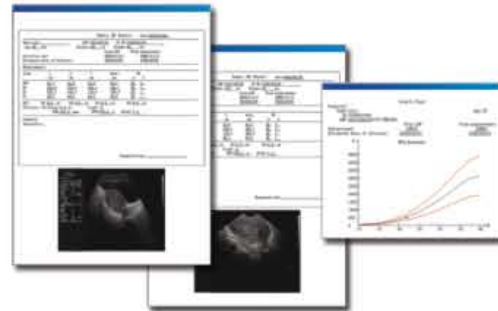
300 annotations for recall, user-defined annotations allowed.

Off-line Diagnostic Function

For off-line review and analysis of diagnostic process.

Auto Creation of Report

All the measurement results are entered in the report without inputting manually and an image and file report is created automatically.



Extensive Clinical Application and Abundant Software

The system has a wide range of clinical applications and analysis software for **Abdomen, Urology, GYN, OB, Small parts, Peripheral vascular, Cardiology and Orthopedics.**

OB: GA and EDD can be calculated automatically.

Up to 7 calculations for fetal weight
Fetal growth curves coming from 10 growth tables.
Fetal biophy profile
Dominant follicle monitoring software and triplet analysis software
OB equation setup specific to races, with more accurate diagnostic results

Urology: Software includes residual urine measurement, prostate specific antigen density (PSAD), etc.

Orthopedics: hip joint measurement

High-Density Broadband Five-frequency Probes



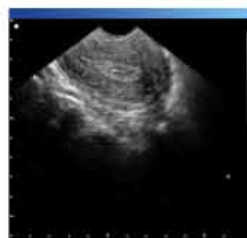
The system is configured with high density broadband multi-frequency probes. Probe frequency can be switched quickly by pressing one console button only, enabling doctors to select the right frequency for specific diagnosis and patients. Image resolution and penetration is significantly optimized.



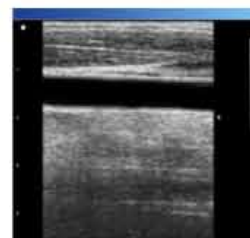
Kidney



Early Pregnancy



Uterus



Carotid

CTS-5500 Portable Ultrasound

Full Digital Ultrasound Imaging System



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