Technical Specifications: CD30

■ Imaging Mode

B, B/B, 4B, B/M, M, B/D, Color Doppler Imaging, Power Doppler Imaging,

Directional Doppler, PW/ CW Doppler, THI, Real Time Dual ,Duplex,Triplex,

TDI, Anatomical M Mode, 4D

■ Scanning Mode Electronic Convex / Linear / Phased Array/ volume

■ Gray Scale 256

■ **Display** 19" LED Display Monitor

■ Probe Frequency Broad band 4 frequency selection, Working frequency 2MHz – 15MHz

■ **Probe Connector** 4 (standard) + 1 Pencil Probe Connector

■ Gain Control Overall Gain Control, 8 - Step TGC continuously adjustable

Image Reverse Left/Right, Up/DownImage Magnification Upto 10X Smart zoom

■ Cine Loop More than 1000 frames (Probe and Mode Dependent)

■ Image Storage Minimum 500 GB Hard Disk for inbuilt Digital Image Storage, Inbuilt CD/DVD Drive

■ Connectivity USB,LAN Networking, DICOM 3.0,S-Video, VGA , Video, Remote print,

■ System Upgrade Flexible System upgrade through software

■ Clinical Application Abdominal, Vascular, Thyroid, Obs/Gyn, MSK, Adult/Peadiatric Cardiac,

Urology, Pediatrics, Neonatal Head, Small parts, Transcranial etc.

■ Probes Convex / Linear / Micro Convex / Phased Array/Trans Vaginal / Transrectal / TEE,

Volume Convex

■ Optional Adult TEE Probe, Pediatric TEE Probe, Surgical (Hockey Probe), Bi-Plane Rectal Probe

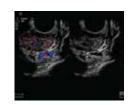
High Density Broadband P















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Premium Color Doppler Ultrasound System









Premium Performance At Affordable Price

Slim and Ultra-compact Design

AeroSCAN continues to step forward to add value and efficiency to ultrasound technology. The CD30 was designed as a user-friendly platform to address the current and future needs in women's healthcare. The ergonomic design and mobility of the CD30 are not only convenient for doctors, but also help provide comfort for patients during examinations.

Backed by the proven technologies of AeroSCAN, CD30 is committed to providing you a new generation of high image quality, especially in detecting abnormalities or small lesions to enhance the accuracy and consistency of the diagnosis.

19" High Resolution Widescreen LED

Anti-flickering with vertically and horizontally rotatable.

8" Smart Touch Screen



◀ Control Panel and Keyboard

New layout of the backlit silicon buttons to fit the doctors' using habits.

4 Active Universal Probe Sockets plus 1 Pencil Probe Port

Meet your requirements i the most applications

■ Built-in Battery

The intelligent stable power solution can support more than 2.5 hours without power supply.

Just Scan with Confidence

CD30 owns an extraordinary ability in radiology by the combination of our prominent Imaging technology, unique probes, distinguished hardware and software.

Excellent 2D Image Quality even in the Color Mode

Multi-beam former, high density and high frequency probes, advanced ultrasound technologies, can all help you detect subtle changes in anatomy and small structures.

Real-time Panoramic Imaging

The real-time panoramic imaging provides an extended field of view to be displayed, which offers a larger reference image for documentation of the spatial relationship of structures in both 2D and color Doppler mode.

Increasing imaging view with this technology is

more information for quick diagnosis. By using

the lesions from the peripheral tissues and

High Sensitivity of Blood Flow

CD30 gives the physicians the power to be more confident in their diagnostic results. It can easily Capture the blood flow information, better display the tiny vessel, readily offer low velocity flow Information.

Pulse Inversion Harmonic Imaging

By transmitting two ultrasound waves which have the opposite phase, PIH can offset the fundamental wave and double the harmonic wave so that we can reduce noise and clutter and keep the harmonic wave maximized. Thus the user can achieve a better contrast resolution in visualizing subtle lesions, small parts, vascular and so on.

Compound Imaging

provide a better solution.

able to provide doctors with

this function, you can distinguish

Wide Scan

Utilizing deflection sound beams and various frequency ranges, this technology will superimpose the images. This results in optimal resolution, speckle reduction and border detection, allowing the image to have better clarity and improved continuity of structures, especially in superficial and abdominal imaging.

u-Scan

Our new-generation μ -Scan technology greatly improves the visibility of organs and lesions. The high-definition contrast resolution will suppress speckle artifacts while maintaining real tissue architecture.

Wide Scanning Angle Endo-Cavity Probe

Combining with the unique temperature-detection technology, CD30 greatly shortens the examination time while improving comfort and safety for the patient. The endocavity probe is available with a scan angle of 200 degree

Real-Time Dual Imaging

This technology can show the real-time B mode and a color mode image simultaneously on the screen, which can make the visualization of anatomy and blood flow available in every exam. Real time imaging is very convenient for inspection, as doctors do not need to change the mode frequently. Just move the transducers and find the lesions.

Outstanding 3D/4D Imaging Quality

Outstanding image quality in 3D/4D leads to the best visualization of the fetus, which can provide numerous messages for doctors. This strength is really ideal for the obstetric department. Besides, with abundant application solutions such as multi-slice view and trace cut, the doctor can ensure satisfaction of requirements from both the pregnant mother and the doctor themselves.