

AeroSCAN

Digital Ultrasound Imaging



CD30

Premium Performance
at Affordable Price

- 19" monitor with 8" touch panel.
- 4 probes connectivity.
- Auto IMT.
- Panoramic imaging - Real time.
- In built battery backup of 150 minutes.
- TDI.
- Anatomical M Mode.
- Color M Mode.
- Optional Elastography package available.
- 4D Ready

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 ▶

**4 Active Universal Probe
Sockets plus 1 Pencil
Probe Port** ▶

Meet your requirements in the most applications



◀ **Control Panel and Keyboard**

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

◀ **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.

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.

Wide Scan

Increasing imaging view with this technology is able to provide doctors with more information for quick diagnosis. By using this function, you can distinguish the lesions from the peripheral tissues and provide a better solution.

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

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.

μ -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.

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.

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

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.

Technical Specifications CD30 NEW VIS PLATFORM

■ 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/Down
■ Image 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 Probes

■ SC53 Convex Probe 2 - 6 Mhz 	■ SL42 Linear Probe Frequency 4.5 – 15 Mhz 	■ SP21N Adult Phased Array Probe 2 - 4 Mhz 
■ SP51N Pediatric Phased Array Probe 4 – 8 Mhz 	■ SV63N HDTrans Vaginal Probe 4 - 11 Mhz (200°) 	■ VC26N Volume Convex Probe 2 - 6 Mhz 

