

AeroSCAN  
CD 35



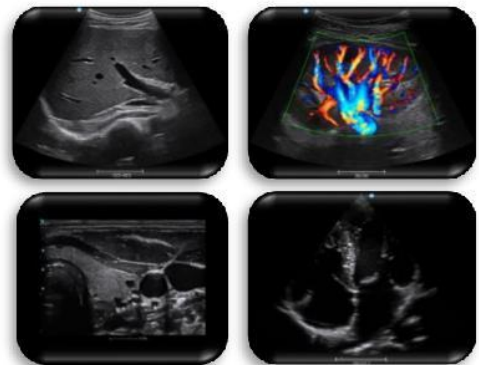
# AeroSCAN

CD 35



## AeroSCAN CD35 UPGRADE 2.0

AeroSCAN CD 35 UPGRADE 2.0 is the latest version of the AeroSCAN series. New image processing software package renders obviously improved image quality. And value - added tools allow clinicians to easily practice confident scan across different applications.



## Promising image quality relies on newly upgraded technology

### Fusion THI 2.0

Based on the new generation of invention tissue Harmonic, Fusion THI 2.0 integrated fundamental Wave and harmonic wave in the far field. With greatly enhanced tissue harmonic wave, it delivers penetration - improved image by effectively increasing image resolution and tissue contrast.

### Xbeam (New processing method)

The upgraded Xbeam is a new processing mode based at the front end of ultrasound beamforming. With steerable beam angle and the high frame rate, it effectively increases the spatial resolution and reduces tissue shadow. Xbeam applies to most kinds of probes.

# Efficient Workflow & Ease to Use



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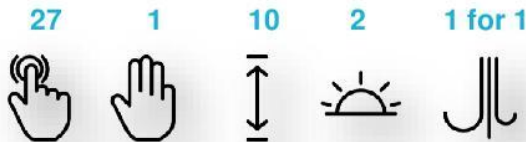
Color Backlit Change According to Operation



27 Buttons only Simple and Clear

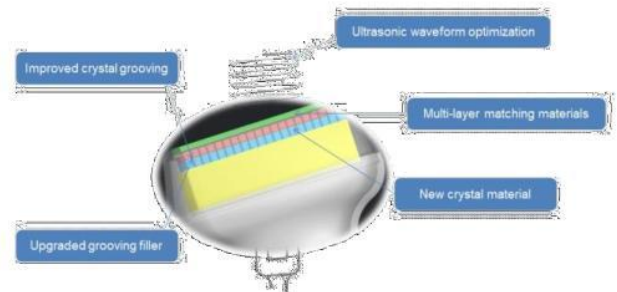


## New Touch Screen interface



## 5Q Probe Technology

5Q: Five New Technologies For Image Quality Improvement



### Balance Echo Compensation

The upgraded AeroACAN CD35 transplant Balanced Echo Compensation technology from the High – End platform. It effectively compensate the weak echo signals and restrains the hyper echo signals according to the grey scale distribution and delivers much more uniform image.

### VS Flow

VS flow is a high spatial resolution Doppler flow imaging. 30% more side signal is collected to enhance the whole flow sensitivity especially the slow velocity flow.

### 5Q Probe Technology

5Q probe technology refers to five technologies that improve the image quality, including high performance PZT crystal materials, crystal cutting technology, element spacing filler, multiple matching layer technology and optimized sound field wave. All these technologies integrated to increase the probe bandwidth and enhance it's sensitivity as well as resolution.

5Q probe technology is available for most probes applied to AeroSCAN CD35.



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# Clinical Image Gallery



## Features & Technical Data

PC Platform	Windows
Display	19" LCD 360° Rotatable Arm
Touch Screen	10.4"
Hard Disk	500GB
Focus Number	up to 8
Panoramic Imaging	Standard
CW	Standard
Anatomical M Mode	Standard 3 Sample Lines
Auto IMT	Standard
3D Imaging	Standard
4D	Standard Software and Module
TDI	Optional
Elastography	Optional
VS Flow	Optional
Convex Probe	C3LC (128) / C3LC (192) / C5LF 4D Convex
Linear Probe	L10LC (128) / L8LC (192 Elements)
Phased Array Probe	P3FC / P3FC / P5FC
Endo Cavity Probe	V6LC / ECBP / V6LC (4D Vaginal)

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