



Aeroscan CD 40 is based on years of technical knowledge in the ultrasound field and thus is powered up with all the latest cutting edge technologies. The system is powered to provide

## Comfort and Productivity Depends on Design

AeroScan CD 40 Reduces user tiredness through reinforcement of mobility and usability



Height adjustable  
Control Panel



Large Capacity  
built-in battery



Rotatable  
Control Panel



Five Probe  
Connectors



Multi-Stage Temperature  
Control Gel Warmer



Cable Management  
Holder

Even Beginners can use easily, time saving during diagnosis by

Auto Optimization

Auto NT

Auto Color

Auto Face

Auto IMT

AVC Follicle

Auto EF

## $\mu$ -Scan<sup>+</sup>

The new generation  $\mu$ -Scan imaging technology gives you better image quality by reducing noise, improving signal strength and improving visualization.



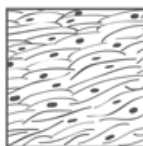
$\mu$ -Scan off



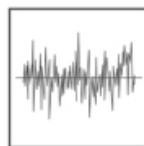
$\mu$ -Scan on

## Dynamic Color

Dynamic color improves upon already existing color Doppler technologies for a clearer capture of color flow and detailed visualization of even tiny veins with lower velocities.



Tissue



Noise



Color

## Advance applications

### Contrast Imaging

The contrast agents provide a loud signal reflection, giving a more enhanced image of difficult-to-view blood flow. The Dynamic Acoustic Control feature of AeroScan Contrast Imaging provides image quality with a smaller agent dose.



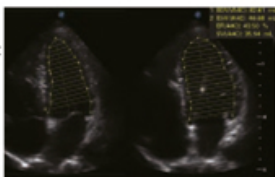
### S-Live Silhouette

S-Live Silhouette is a unique transparent volume image for a more comprehensive internal and external view of the anatomy and provides more abundant diagnostic information for the clinic.



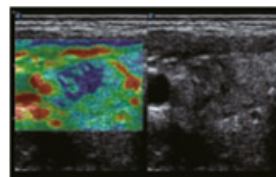
### Auto EF

To recognize myocardial intima during the diastolic and systolic period and calculate the ejection fraction automatically.



### C-xlasto Imaging

C-xlasto Imaging enable comprehensive quantitative elastic analysis. It is supported by multiple probes to ensure good reproducibility and highly consistent quantitative elastic results.



### Vis-Needle

Vis-Needle is realized by ultrasound beam steering and deflection. It improves the visualization of the needle shaft and needle tip in the tissue to minimize harm to the surrounding tissue, increasing the initial success rate and lowering the needle puncture.



### Specialty Probe

CD-40 covers a wide range of intraoperative clinical needs with more than 5 specialty transducers that deliver the versatility to expand clinical offering.



# Technical Specifications

Imaging Mode	B-Mode, THI, PHI, Color Doppler Mode, Power Doppler, Directional Power Doppler Imaging, Tissue Doppler Imaging, Pulsed Waved Doppler, Continuous Wave Doppler, HPRF, M-Mode, Color M mode, Anatomic M-Mode, Freehand 3D Imaging, Static 3D, 4D Imaging
Clinical Application	Abdomen, Cardiovascular, Obstric, Gynecology, Urology, Musculoskeletal, Small parts, Anesthesia, Interventional ultrasound
Probe Frequency	1 - 16 Mhz

## ERGONOMICS

Display	21.5-inch high resolution color LED, 170 Degree Super wide angle Articular, user friendly touchscreen 12.1" wide with high sensitivity touch
Probe connector	5 Probe sockets (4+1) and 1 pencil probe connector
Connectivity	USB, VIDEO/S-VIDEO Output, DVI/HDMI Output, VGA/RGB Output
IMAGE MAGNIFICATION	Image zoom (Ratio of 0.8 to 10 times), Full screen zoom

## Premium Capabilities

4D Imaging	S Live & S Depth in Multi-Slice, Auto NT, AVC (Automatic Volume Calculation) Follicle
Strain Elastography	High Strain Sensitivity with good image stability, available with the quantitative assessment of tissue characterization
Contrast Imaging	Optimized Signal Processing Technology, improved image resolution & penetration. With TIC (Time intensity curve) & Dynamic Acoustic Control

## Wide Application Transducers



## Clinical Image Gallery

