AeroSCAN CD20 PRO

Full **Digital** Technology

Affordable Quality, Increased Perfomance

- High Resolution 15" LED Display / 19" (Optional)
- Auto Image Optimization (AIO)
- Speckle Reduction Algorithm (SRA)
- Compound Imaging
- Q - Beam Technology
- X - Contrast
- Q - Image Software
- Q - Flow
- FHI
- Full Display Mode
- Quad B Imaging
- Trapezoid Imaging
- Intelligent Zoom
- HIP Graph
- CW (Continuous Wave)
- Tissue Doppler Imaging (TDI)
- Color M - Mode
- Auto IMT
- Super Needle Visualization
- 3 Active Transducer Port
- 500 GB HDD
- DICOM (Storage / Print / Worklist)
- 6 USB Port
- ECG Module
- Battery Backup -1 Hour
- Available in Human / Veterinary options

Image Quality Performance

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Q - Flow

This adaptive color detection technology can automatically adjust the assessment of color signal and noise according to different tissues, As a result, color sensitivity of low - velocity flow is significantly enhanced.

X - Contrast

The Aeroscan CD20 Pro allows one - touch adjustment in contrast resolution based upon differences in tissue density. Enhanced, Normal and Suppress settings increase or decrease contrast resolution, based on tissue type and user preference.

Q - Beam

Compared to the traditional dual - beam former on most ultrasound machines, the AeroSCAN CD20 pro uses quad - beam technology for ultrasound signal processing. Double the volume of signals received over traditional methods, increasing image resolution and generating more accurate images, Produces higher frame rates, ensuring better diagnostic confidence & efficiency, especially for moving organs.

FHI

FHI is an innovative harmonic imaging technology that uses multiple transmission and receiving methods based on the patients' size and weight. This allows the unit to maintain image resolution when scanning larger / obese patients. The Tissue Harmonics & Phased Harmonics compromise image quality & resolution when penetration is increased. FHI gently improves diagnostic abilities & clinical confidence in larger, difficult - to - image patients.

Option of Transducers

2.0-6.8 MHz
Convex
D3C60L

4.0-15.0 MHz
Linear
D7L40L

4.0-12.0 MHz
Transvaginal
D6C12L

4.0-15.0 MHz
Transvaginal
D7C10L

4.0-15.0 MHz
Trans-Rectal
D7L40L-REC

2.0-6.8 MHz
Micro-Convex
D3C20L

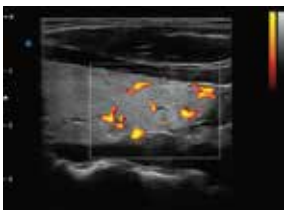
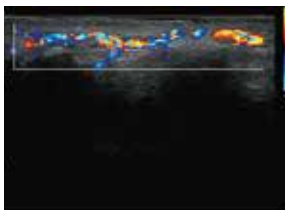
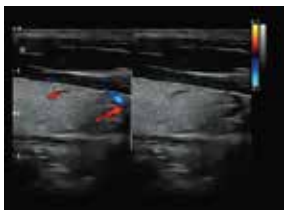
4.0-12.0 Mhz
Micro-Convex
D6C15L

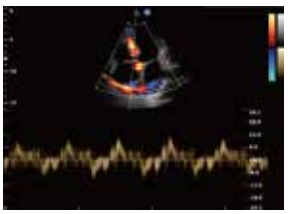
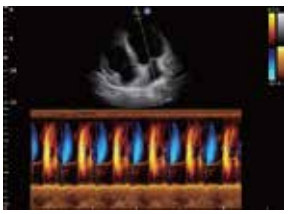
1.5-5.3 MHz
Phased array
D3P64L

Clinical Images Gallery





AeroSCAN
Digital Ultrasound Imaging

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