

DC-8 Exp

High Performance Ultrasound System

High performance based on advanced imaging technologies

- New generation platform with robust processing power
- Optimized touchscreen for intuitive workflow
- 19" high definition LCD monitor with 170° viewing angle and wide degree of tilt and rotation
- Height adjustable control panel swivels and rotates effortlessly
- Single crystal transducers with 3T™ technology for deeper penetration
- Echo Boost™ for image optimization
- Full range of features for radiology, vascular, and cardiac applications
- Advanced auto measurement tools for increased efficiency
- Smart Doppler optimizes color box positioning and sample volume placement
- Fully customizable iWorks reduces keystrokes
- ART Flow™ for deep vascular visualization



New Generation of Ultrasound Architecture

Leveraging a new platform, the DC-8 Exp combines high speed hardware, advanced frontal transmission/reception, powerful parallel processing, and patented intelligent algorithms to elevate diagnostic capabilities to a new level. This winning combination of outstanding capabilities empowers features such as ART Flow™ for deep vascular visualization and Echo Boost™ technology for optimization of images across multiple applications. Superior imaging quality is further enhanced by single crystal and 3T technologies combining to provide improved penetration and higher resolution, resulting in optimum scanning for technically difficult patients.

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Radiology/Shared Service

Advanced imaging technology together with dedicated features maximizes diagnostic confidence with the DC-8 Exp.

- Wide variety of applications for use in a shared service environment
- Single crystal transducers enhance penetration without compromising resolution, for difficult patient imaging
- Echo Boost™ results in improved contrast and homogeneity even in technically difficult patients

Vascular

With a full range of dedicated transducers and specialized exam presets with optimized imaging parameters, the DC-8 Exp provides efficient vascular imaging.

- ART FLOW™ (Automatic Recognition Transient Flow) improves imaging of difficult to detect deep blood flow, providing confidence for vascular disease diagnosis
- Editable vascular mapping enables a better understanding of varicose vein positioning, morphology and severity, providing necessary surgery planning
- Complete vascular solutions, including Auto IMT and Power iScape, offer increased diagnostic confidence with efficiency

OB/GYN

Advanced applications and user defined obstetric measurements allow for efficient and accurate complete exams.

- Powerful 3D/4D imaging
- SCV+ (Slice Contrast View Plus) for improved 3D slice image contrast resolution
- iLive for realistic view of fetus



Cardiology

Due to the new generation processor, the DC-8 Exp provides more powerful processing capability for cardiovascular imaging and analysis.

- Sophisticated analysis tools for confident evaluation of cardiovascular function
- TT QA permits advanced cardiac motion tracking analysis including strain and strain rate
- UWN+ (Ultra Wideband Non-linear Plus) Contrast Imaging utilizes both 2nd harmonic and non-linear fundamental signals, generating images with significant enhancements, for LVO (Left Ventricular Opacification)

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