solutions within reach

DC-8 Exp
Ultrasound System

mindray
DC-8 Exp Ultrasound System

High performance and versatility for your demanding imaging applications

Intelligent ultrasound you can rely on day after day

The DC-8 Exp ultrasound system incorporates a number of tools designed to increase speed, accuracy, and productivity while maintaining the flexibility to complete exams comfortably and efficiently. Advanced technologies, superior image quality, and special attention to ergonomic design combine to improve patient management, increase ease-of-use, and enhance users' overall level of confidence. Focused workflow applications and a full family of transducers make the DC-8 Exp system an ideal choice in general imaging, vascular, women's imaging, and shared service environments.

Key Features

- HR Flow and ART Flow™ for better visualization of deep and complex color flow patterns
- iNeedle™ for optimal needle visualization during interventional procedures
- iWorks™ protocol management system for fast, efficient exams
- Single crystal transducers with 3T™ technology for improved performance
The DC-8 Exp system’s ergonomic solutions were designed to increase patient throughput while improving the user’s experience. The user interface, coupled with an intuitive touchscreen, enables logical and efficient workflow with direct access to advanced modes and features. Common commands are seamlessly executed with minimal movement of one hand. The height-adjustable control panel swivels and rotates effortlessly while the control keys, dials and toggles are logically grouped within an innovative kidney-shaped design. Lightweight transducers, designed with soft flexible cables, reduce stress while scanning.

The DC-8 Exp system is powered by mQuadro, a new and innovative imaging architecture that incorporates powerful, high-speed digital signal processing and intelligent software algorithms taking ultrasound imaging to new levels.

**mFast™**
**Hardware Foundation**
High speed, high capacity hardware components enable rapid processing of large amounts of acoustic data raising B-mode imaging, M-mode, and Doppler modalities to the next level of clinical performance.

**mWave™**
**Front End Signal Processing**
Exercising precise software control over both the transmitted acoustic beam and the received acoustic data set results in less clutter, and improves signal-to-noise ratio and data acquisition times.

**mVue™**
**Fundamental Image Processing**
Patented, intelligent processes direct unique and innovative approaches to digital signal processing. These processes optimize image creation based on segmentation analysis and comparison to an anatomical database that minimize inherent artifacts, improving image quality.

**mSmart™**
**Advanced Parallel Processing Technology**
Next generation signal processing technology captures an enormous amount of acoustic data from each transmit operation and performs focused digital beam reconstruction that creates images of exceptional resolution and uniformity.
Living Technology

Living Technology is a constantly evolving software-based approach to providing our customers with easily upgradeable enhancements made possible by both of our core imaging technologies: ZONE Sonography and mQuadro. These upgrades secure product investment protection by ensuring that Mindray ultrasound systems remain at the cutting-edge of imaging performance excellence throughout their entire life cycle.

The DC-8 Exp’s standard five (5) year warranty* includes:

- Replacement parts and standard transducers (normal wear and failure)
- Onsite labor for cart related repairs
- Ongoing state-of-the-art ultrasound performance with software updates**

* Standard five (5) year warranty is available for systems purchased directly from Mindray North America. Warranties for systems purchased from Mindray authorized agents can vary.

** Upgrades, such as new application packages and hardware, are optional purchases.