DC-70
Ultrasound System

quality exams at your fingertips

mindray
Innovative technology

Quality exams with exceptional imaging, innovative technology and workflow efficiency, is what sets the DC-70 apart. The DC-70 incorporates an optimum balance of advanced technologies to provide quality imaging and productivity.

High performance transducers are powered by Mindray’s patented 3T Technology and echo-enriched beamformer. Coupled with smart algorithms such as Echo Boost, second generation HR Flow, and user-friendly workflow, the DC-70 addresses the challenges faced daily in your practice.

3T™ Transducer Technology

Mindray’s unique transducer technology widens the imaging bandwidth and increases transmission efficiency with:

- Triple-matching layer design for higher sensitivity, wider bandwidth, and improved signal-to-noise ratio
- Total-cut design for lower cross-talk noise, improved directivity, and improved lateral resolution
- Thermal-control design for improved acoustic transmission and higher signal-to-noise ratio

Echo-enriched Beamformer

Improved “out-of-focus” image resolution and penetration is provided by utilizing traditional echo of adjacent beams and forming one finer and stronger imaging beam.
Workflow efficiency promotes productivity

Gesture Sensitive Touchscreen

Touch enabled response improves workflow and increases productivity. Scroll through images, shift an image to and from the main monitor, zoom in/out, measure and activate specific user-defined functions with intuitive gestures on the 10.4" touchscreen.

MedSight™

The DC-70 transfers clinical images and cine to iOS or Android powered smart devices via an interactive app. Expectant mothers can now easily share images with family and friends. The MedSight app may also be used to facilitate a training session or a discussion with peers on a challenging case. MedSight transports the clinical examination wherever needed.

MedTouch™

The MedTouch app provides a remote way to control the ultrasound system, and access patient data via an Android device. The built-in tutorial minimizes the user learning curve.

iWorks™

Built-in standard scan protocols can reduce exam time up to 50%. Powerful, user-customizable protocol software enhances patient throughput and helps ensure consistency across all exams by all users.
Obstetrics and Gynecology

Productive departments and practices require ultrasound systems that provide dedicated technology to enhance ease-of-use, increase workflow efficiency, and improve reliability. Systems should also offer a comprehensive range of solutions for routine OB/GYN exams. Equipped with rich features, including iLive, SmartOB, Smart NT and iPage, the DC-70 provides advanced functions for the quality ultrasound imaging essential in women’s healthcare.

iLive™
Exceptionally realistic views of the fetus
Integrating traditional casting algorithms with a new virtual lighting modality, iLive generates amazingly realistic views of the fetus with human “skin-like” images.

SmartOB™
Auto measurement enhances productivity
Obtain accurate auto measurements of the most frequent OB measurements, including BPD/HC/FL/AC/OFD – all with a single click. Smart NT and Smart V allow you to measure NT and irregular volumes automatically.
Quality and efficient imaging is necessary in every scan and in every application. Whether visualizing minute vessels in the renal parenchyma or large subtle lesions in the thyroid, application specific solutions such as Second Generation HR Flow and Natural Touch Elastography, make the DC-70 an ideal platform for easy and reliable scanning.

**Second Generation HR Flow™**

HR Flow provides extraordinary spatial resolution of blood flow with accurate vessel profile and less overflows.

**Natural Touch Elastography**

Based on Mindray’s new patented technology, Natural Touch Elastography reduces operator dependence, improving reproducibility and accuracy.
Cardiology

In addition to hosting all the standard imaging tools for cardiology, the DC-70 provides advanced clinical capabilities such as Tissue Doppler Imaging with Quantitative Analysis, Strain/Strain Rate, and Stress Echo for highly dedicated clinical utility.

Echo Boost™
A unique signal processing technology with intelligent echo detection, Echo Boost is designed to utilize raw RF data to enhance weak echo signals while suppressing adjacent clutter noise, providing clear visualization of cardiac chambers and myocardial tissue layers.

TDI and QA with Strain/Strain Rate
TDI functionality on the DC-70 allows for quantitative evaluation of regional myocardial movement and global myocardial function, providing complete TDI modes for faster and more direct diagnoses.
Ergonomic design

- 19” LED monitor with articulating arm
- 10.4” gesture sensitive touchscreen with adjustable angle
- Rotatable and height adjustable control panel
- USB 3.0 port (100 MB/s)
- Cable management
- Connector for four active transducers
- Foot rest

Gel warmer (optional)

Dedicated endocavity transducer holder

Detachable transducer holders
Mindray is a global medical device manufacturer with three established business segments: Patient Monitoring and Life Support Products, Medical Imaging Systems, and In-Vitro Diagnostic Products. With more than 10,000 employees and R&D centers on three continents, we offer the medical community a wide range of innovative solutions designed to ensure the highest quality of care, while containing costs.

Learn how we can help you maximize your resources, with some of the most advanced and cost effective solutions in the industry.

For more information about Mindray products and services, visit www.mindray.com.