

DP-50 Expert

Digital Ultrasonic Diagnostic Imaging System



quality | speed | flexibility





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The DP-50 is engineered to help you get the information you need with an innovative high performance compact B/W system. The DP-50's X-treme engine and high speed processing power provides outstanding image quality and a complete information management solution. The insightful design reaches a wide range of clinical applications including abdomen, urology, OB/GYN, small parts, emergency, orthopedics, endocavity, and interventional medicine.



OB imaging – fetal foot



Nerve imaging – pain management



GYN transvaginal imaging

Evaluating patients in today's demanding environment takes innovative technology to speed up diagnosis with greater confidence. Mindray's DP-50 versatility expands your clinical utility while improving patient care.

Diagnostic confidence with advanced imaging technologies

- Dynamic Beam Forming
- iBeam™ Spatial Compounding Imaging
- iClear™ Speckle Reduction Imaging
- (THI) Tissue Harmonic Imaging
- (TSI) Tissue Specific Imaging
- B Steer, Trapezoid Imaging, Colorization

Advanced transducer technology optimizes images for different body types and target organs

- High sensitivity, wide band transducers
- Multi-frequency, up to 4 imaging frequencies in each transducer
- Imaging from 2 to 10 MHz
- Up to 140 degree scanning angle
- General purpose and specialty transducers
- Needle guide brackets





Exceptional ergonomics and high productivity by design

Designed with the user in mind, the DP-50 makes any location accessible.

- A smart new shape for enhanced mobility that is compact and lightweight
- Quick Save One push image transfer to local or directly to USB
- iTouch™ Auto Optimization: single button image optimization
- iZoom™: enables accurate viewing of image from distance
- iStation™: clipboard, onboard reporting
- IMT: auto-measurement of carotid intima thickness
- 15" high definition LCD, tilt display
- Backlit control panel
- Li-ion battery, endurance time: >120 min

Complete information management solution

DP-50 offers users flexibility in managing patient data to meet clinical and administrative needs.

Data Storage

- 320G integrated hard disk
- On-board imaging archive for more than 100,000 still images
- USB ports
- DICOM 3.0 connectivity

Specialty Dedicated Measurements and Reports

- Abdomen
- Orthopedics
- Gynecology
- Obstetrics
- Cardiology
- Small Parts



Compact and lightweight for enhanced mobility



Tilting LCD display allows easy viewing



General purpose and specialty transducers

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Digital Ultrasonic Diagnostic
Ultrasound System



Exceptional service and support

Mindray is a global medical device business with three established segments: Patient Monitoring and Life Support Products, *In-Vitro* Diagnostic Products and Medical Imaging Systems. With more than 6,000 employees and with R&D centers on three continents, Mindray offers the medical community a range of innovative solutions designed to contain costs while ensuring the highest quality of patient care.

Mindray's clinical education specialists provide your staff with comprehensive, on-site training and in-service on demand 24-hours a day, 7-days a week.

Our dedicated field service and in-house technical support organization are one of the largest direct service teams in the industry. Individually and collectively they are committed to enhancing patient care while protecting your investment.

Learn how we can help you maximize your resources with some of the most advanced and affordable devices in the industry. For more information about Mindray products and services, visit www.na.mindray.com.



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