M7
Hand-carried Ultrasound System

confidence | speed | flexibility
M7
Hand-carried Ultrasound System

Equipped for Confidence

Radiology
Cardiology
Outpatient
Emergency
Speed | Flexibility
The Mindray M7 embodies the optimal combination of advanced imaging and miniaturization technologies. Using System-On-Chip (SOC) design, complex technologies are built into the M7’s compact laptop style chassis. Additional benefits include energy efficiency and high reliability. The M7’s image quality, user experience, and versatility expand the performance and flexibility envelope for hand-carried ultrasound systems.

Superior performance through advanced technologies:

- **System-On-Chip (SOC):** enables high end system technologies in an extremely compact design
- **Octal-beam imaging technology:** provides excellent temporal resolution
- **Innovative implementation of multiple tissue harmonic imaging technologies:** improves image quality
- **iZoom™:** enables accurate viewing of image for user from distance
- **Cine compare:** innovative workflow tool for measurement and report
- **IMT:** auto-measurement of carotid intima thickness
- **TDI:** tissue Doppler imaging
- **FreeXros:** anatomical M mode
- **4D:** real-time 3D imaging
- **iClear™:** speckle suppression technology
- **iBeam™:** spatial compounding
- **iScape™:** panoramic imaging
- **iNeedle™:** needle visualization technology
- **iTouch™:** single button image optimization
- **iStation™:** on board workstation for patient information management and connectivity
Imaging with clarity and accuracy across a wide range of clinical specialties for diagnostic confidence

- Endovaginal scan of the uterus with wide field of view
- Color Doppler image of carotid artery with automatic spectral Doppler quantification
- Transverse scan of thyroid showing near field detail and high sensitivity color Doppler
- Real-time 3D surface rendering of fetal face
- Liver imaging with excellent detail and uniformity
- FreeXros, anatomical M mode of mitral valve
- IMT, auto-measurement of carotid intima thickness
- Mitral regurgitation imaged in color Doppler and spectral Doppler modes
- High frequency imaging of median nerve with excellent detail and contrast resolution

Liver imaging with excellent detail and uniformity
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Optimized user experience

- 15" high resolution TFT LCD with 170° viewing angle
- Background multi-tasking data processing and management: shortened examination time
- Fast power up
- iStation™: seamless and easy to use patient data management workstation
- iTouch™: one button image optimization
- Superior computing power: short cycle time, instantaneous response to user command
- iRoam™: wireless data transfer
- User programmable exam presets: quick start and consistency
- Spill proof keyboard
- Backlit control panel
- Trackball: for easy operation

Expanding the envelope of performance and flexibility

- Height adjustable, ergonomic cart: fast and easy positioning for user comfort
- Triple transducer connectors: fast transducer changes and activation
The Mindray M7 ultrasound system: your best choice for speed and flexibility.

- Advanced and versatile technologies that work effectively for multiple specialties
- Application-specific measurements, calculations and reports
- Excellent system performance across a wide range of applications
- User selectable setup, from dedicated specialty to shared service
- System ergonomics and utility: hand-carried to full service cart with optional external display
- Durable magnesium alloy chassis and spill proof keyboard
- Wired and wireless data transfer and connectivity
- Comprehensive DICOM features: Store/Print, Worklist, MPPS, Query/Retrieve, OB/GYN S/R, Vascular S/R and Cardiac S/R
- Upgradeable:
  - Equipped with the comprehensive software you require today
  - Expandable to meet your future needs
- 5 year warranty

Flexibility to meet your challenging needs today and tomorrow
Exceptional service and support

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 affordable devices in the industry.

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