

# M7



Mindray

M7

Hand-carried  
Diagnostic  
Ultrasound  
System

Expanding  
the Envelope  
of Performance  
and Flexibility

**mindray**<sup>™</sup>  
NORTH AMERICA

# M7

Diagnostic  
Ultrasound System

## Equipped for Quality



Radiology

Cardiology

Outpatient

Emergency



# • Speed • Flexibility



Surgery

Labor & Delivery

ICU/CCU

Pain Management



Premium quality  
ultrasound tool for  
the ever-changing,  
multivariate care  
environment.

# M7

## Diagnostic Ultrasound System

The Mindray M7 epitomizes the optimal combination of advanced imaging technologies and miniaturization technologies. Mindray research and development engineers employ the System On Chip (SOC) design within the M7 ultrasound system. SOC enables complex technologies to be built into the M7's compact laptop style chassis. Medical devices built around SOC designs are energy efficient and highly reliable. The M7's exceptional image quality, user experience, and versatility have expanded the performance and flexibility envelope for hand carried ultrasound imaging systems.



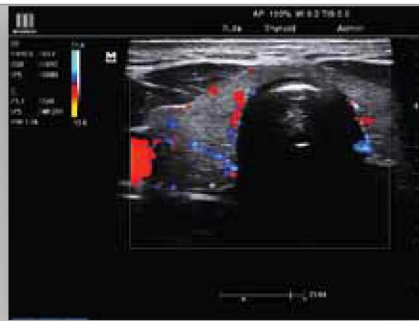
### Premium Quality Performance Through Advanced Technologies:

- 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: to improve image quality of technically difficult patients
- 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 M: anatomical M mode
- 4D: real-time 3D imaging
- iClear™: speckle suppression technology
- iBeam™: spatial compounding
- iScape™: panoramic imaging
- iTouch™: single button image optimization
- iStation™: on board workstation for patient information management and connectivity





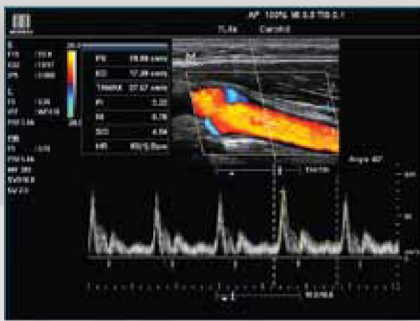
Endovaginal scan of the uterus with wide field of view



Transverse scan of thyroid showing near field detail and high sensitivity color Doppler



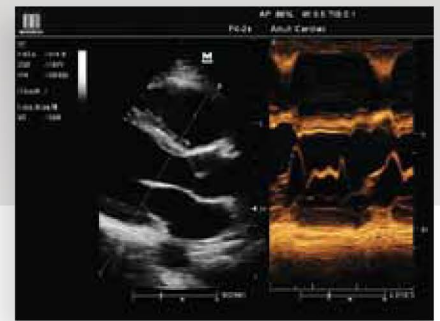
Liver imaging with excellent detail and uniformity



Color Doppler image of carotid artery with automatic spectral doppler quantification



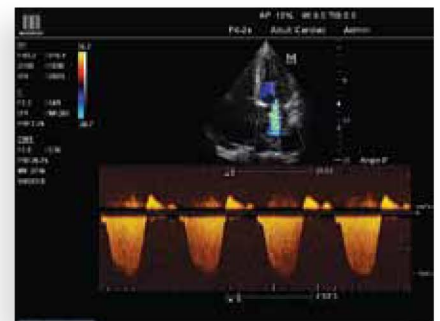
Real-time 4D surface rendering of fetal face



FreeXros M, anatomical M mode of mitral valve



IMT, auto-measurement of carotid intima-thickness



Mitral regurgitation imaged in color Doppler and spectral Doppler modes



## Imaging with clarity and accuracy: the basis for diagnostic confidence.

Across a wide range of clinical specialties: abdomen, obstetrics, gynecology, cardiology, peripheral vessels, small parts, urology, anesthesia, emergency medicine, ICU/CCU, pediatrics, neonate, transcranial, interventional, musculoskeletal and intra-operative procedures.



High frequency imaging of median nerve with excellent detail and contrast resolution

# M7

## Diagnostic Ultrasound System

High speed  
user experience.



Superior computing power: instantaneous response to user command and short cycle time



iRoam™: wireless data transfer

User programmable exam presets: quick start and consistency

Sealed surface for easy infection control

Backlit control panel

Trackball: for easy operation

15" high resolution TFT LCD display with 170° viewing angle

Background multi-tasking data processing and management: enable shortened examination time

Fast power up

iStation™: seamless and easy to use patient data management workstation

TGC: detail, customized image optimization

iTouch™: one button image optimization

Height adjustable, ergonomic system cart: fast and easy positioning for user comfort

Fast transducer changes and activation: triple transducer connectors



Flexibility to meet  
your challenging  
needs today and  
tomorrow.

- Advanced and versatile technologies that work effectively for multiple specialties
- Excellent system performance across a wide range of applications
- User selectable setup, from dedicated specialty to full service
- Clinical application-specific measurement, calculation and reports
- Comprehensive DICOM features: Store/Print, Worklist, MPPS, Query/Retrieve, OBGYN S/R, Vascular S/R and Cardiac S/R
- Wired and wireless data transfer and connectivity
- System ergonomic and utility: hand-carried to full service cart with external display
- Durable chassis, 1.5 meter drop tested, meets the transport and handling demands of various care environments
- Upgradability:
  - Expansion of current system capability
  - Addition of new capabilities in future releases



**The Mindray M7 diagnostic ultrasound system:  
your best choice for quality, speed and flexibility.**



## Proceed with confidence.

Mindray was founded in 1991 with a mission to deliver high quality, competitively priced medical devices and, by doing so, make healthcare more accessible and affordable around the world.

Our North America headquarters, located in Mahwah, NJ, is dedicated to providing outstanding service and support to our customers and business partners in the United States and Canada. The Mindray Research and Development team, located in Seattle, WA, enables us to design products to better meet the needs of our North American customers. Our company offers a broad range of medical solutions to clinicians including patient monitoring and life support, in-vitro diagnostics and medical imaging.

Unlike other ultrasound products that are assembled from outsourced components, the majority of the components in Mindray products are manufactured directly by our company. This enhances quality control, speeds time-to-market and reduces manufacturing and transportation costs. These capabilities enable Mindray to provide clinicians with practical, high-quality solutions and outstanding value. Mindray is committed to engaging in active partnerships with our customers to ultimately deliver better patient care and lower healthcare costs.



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