




Mindray

M5

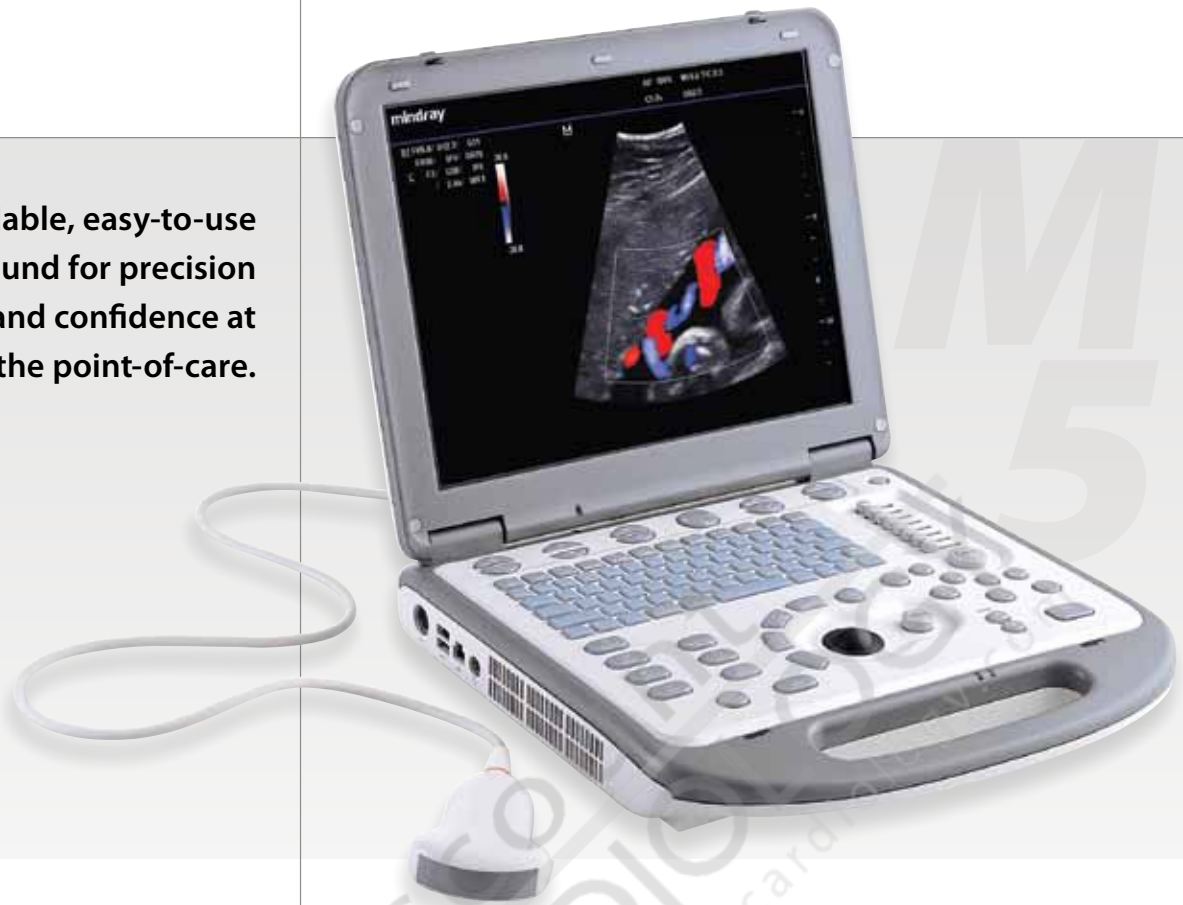
Hand-carried
Diagnostic
Ultrasound
System



High-quality
imaging solution
for all point-of-care
environments

mindray[™]
NORTH AMERICA

**Affordable, easy-to-use
ultrasound for precision
and confidence at
the point-of-care.**



IMT: auto measure of intima-media thickness

The Mindray M5 puts digital ultrasound where you need it most: in the hands of your clinicians at the point-of-care, enabling them to quickly get the critical information they need to make confident decisions.

The laptop-style Mindray M5 combines brilliant color image quality, uncompromising 2D performance and exceptional value. This revolutionary hand-carried ultrasound system delivers portability, ease-of-use and high performance for enhanced efficiency and accuracy in a wide variety of hospital and office environments, including:

- Emergency medicine
- Anesthesia
- Critical care
- Internal medicine
- Breast exams
- Vascular exams
- OB/GYN
- Orthopedics
- PICC line placement
- Interventional radiology
- Urology
- MSK





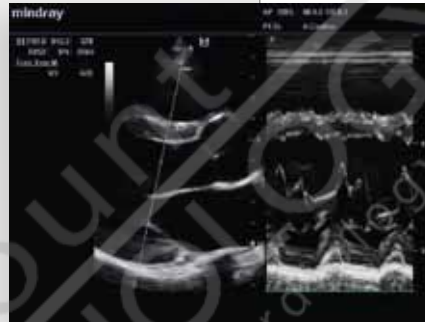
Thyroid, iScape™ Panoramic imaging



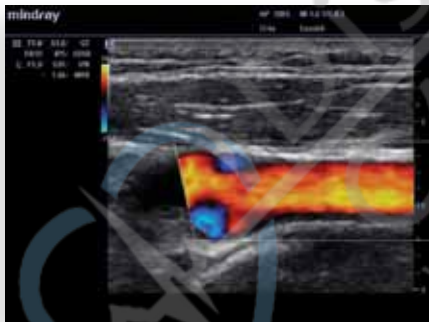
Renal arteries and veins



Fetal abdominal circumference



Adult heart, left ventricle



Common carotid artery



Brachial plexus





User-centric. The most common commands are easily executed with minimal movement of one hand.

Advanced technology, simple operation, superior results.

With a compact footprint and weighing only 13 lbs., the Mindray M5 has low impact on your clinical environment, and a very positive impact on patient care and throughput.

The Mindray M5 features a high-resolution 15-inch LCD display, with an impressive 170° viewing angle, providing clinicians exceptional visibility from most vantage points, while maintaining focus on the patient.

Further enhance efficiency and patient throughput with exam-configured presets for:

- Imaging parameters
- Post processing
- Annotations
- Exam modes
- Calculations
- Display formats

Mindray's Multi-beam Parallel Imaging™ technology:
a new dimension in ultrasound image quality

Mindray's Multi-beam Parallel Imaging technology (MPI) integrates advanced imaging technologies to quickly produce optimized images with minimal user involvement. This technology makes the most of the M5's large 15-inch screen by delivering:

- Superior image resolution with use of speckle reduction software
- Outstanding hemodynamic capabilities enhance diagnostic confidence
- Immediate 2D image optimization with a single command of the one-button iTouch™ feature
- Reliable performance in multiple imaging modes: 2D, M, PW, HPRF, Color, Power and Directional Power and Continuous Wave
- Enhanced spatial compounding
- Superior contrast and spatial resolution





**Ultrasound on the go:
scan it, save it, share it.**

On-board information management. Complete and flexible connectivity.

iStation™ on-board information management system

- Enables fast, efficient review, storage, management, and transfer of imaging and patient data
- Archives all imaging data for post-exam analysis and report
- Up to 94 seconds of cine memory
- 160GB hard drive for high capacity storage
- Application specific calculation packages and reports
- Supports DICOM and PC file formats
- Seamless connection to peripheral devices: analog/digital printers, DVD recorders, DVD-R/W and other IT media

Exceptional Connectivity Options

- Complete DICOM network functionality: Storage, Print, Worklist, MPPS, Query/Retrieve, OBGYN Structure Report, Vascular Structure Report and Cardiology Structure Report
- Network storage for PC network
- Removable media: USB 2.0 ports, DVD-R/W
- Wired data transfer via Ethernet port
- Wireless data transfer via iRoam™: USB wireless adapter



iRoam: wireless data transfer



Multiple transducer connector



Ready to work. Built to last.

The unique design of the Mindray M5 began with a deep understanding of the needs of clinicians at the point-of-care for detailed image quality, simple functionality and robust performance. The result is a feature-set that optimizes your workflow in a compact, durable solution:

- Sets a new standard for image quality with the world's first 15 inch LCD display in a rugged point-of-care ultrasound system
- Tough magnesium alloy case for superior shock resistance
- Drop-tested to ensure reliability
- Sealed surface for easy infection-control
- Ready to scan upon delivery: 2D, M, PW, HPRF, Tissue Harmonic, Color, Power and Directional Power are standard in each system
- Power-up in seconds with your choice of AC or battery power for ultrasound imaging anywhere
- Backlit panel, simple and intuitive user interface
- Application specific and user programmable pre-sets
- On-board data storage and management
- Flexibility in file sharing, data output and networking both wired and wireless



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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