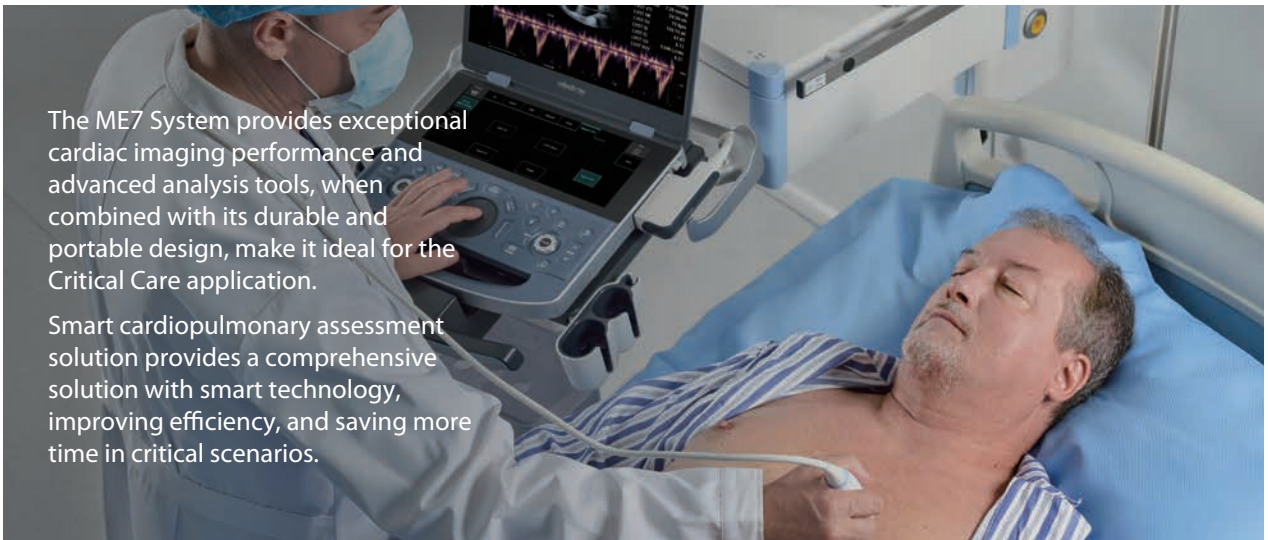


ME7

Dedicated Portable Ultrasound System

Critical Care Application



The ME7 System provides exceptional cardiac imaging performance and advanced analysis tools, when combined with its durable and portable design, make it ideal for the Critical Care application.

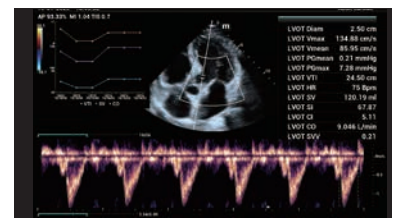
Smart cardiopulmonary assessment solution provides a comprehensive solution with smart technology, improving efficiency, and saving more time in critical scenarios.

Smart Fluid Management Solution

Mindray provides comprehensive cardiopulmonary solution with smart technology, improving the efficiency and saving more time in critical scenarios.

Smart VTI

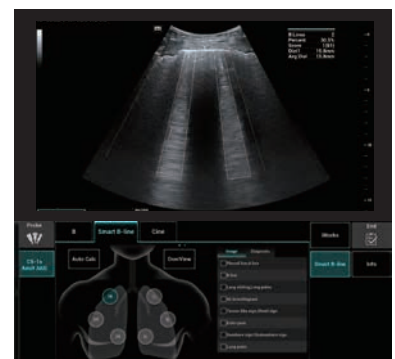
Automated measurement of the Velocity Time Integral (VTI) and Cardiac Output (CO) enables rapid assessment of cardiac function. This software automatically locates color box and Pulse Wave Doppler (PW) sample line in real-time. A graph of parameter trends for CO, Stroke Volume (SV) and VTI is produced to guide decision-making.



Smart VTI

Smart B-line

Automated counting of the number of B-lines and percentage of area of B-lines according to user-selected protocols. Also provides scoring of the performance of the lung in four patterns according to lung aeration. Image overview and color map of score can assist with the assessment of pulmonary function.



Smart B-line

Smart IVC

Automated measurement of Inferior Vena Cava (IVC), helps assess volume status and guides the fluid management. A trending graph documents the change in collapsibility (CI) and distensibility (DI) to document fluid response over time and monitor changes in critically ill patients.



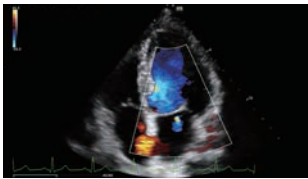
Smart IVC

ME7

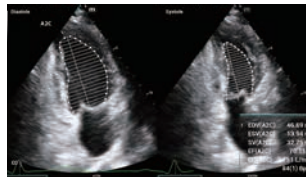
Dedicated Portable Ultrasound System

complete vital sign evaluation tools

- AutoEF: Intelligent way to analyze 2D echo clips to automatically recognize diastolic/systolic frames and calculate EDV/ESV/EF etc.
- Dedicated presets: FAST, Cardiac, Lung and TCD (Transcranial Doppler)
- TDI and CW imaging mode
- Tissue tracking and quantitative analysis
- LVO (Left Ventricular Opacification) imaging mode



Cardiac CFM



AutoEF

High Mobility

- 8 hours continuous scanning with U-Bank
- Cable management to avoid wheel rolling compaction
- Retractable power cable for safe usage
- Slim rolling stand for optimal mobility
- Built-in Wi-Fi



Comprehensive disinfection solution

Innovative design

- Seamless design control panel
- Touch interface
- Sealed touchpad

Durable construction

- Prevents residue buildup from cleaning and disinfection
- Designed to resist corrosion from a variety of harsh cleaning agents
- Highest standards of material selection

Certified disinfectant resistance

- Certification from Dr. Brill and Dr. Steinmann
- Certification from Trophon and Antigermix

Prevent cross infection in hospital

- Z-Tracking: (Transducer Tracking Technology): Through chip technology, information such as scan transducer, patient, scan time, operator etc. are tracked, for assisting in infection control.



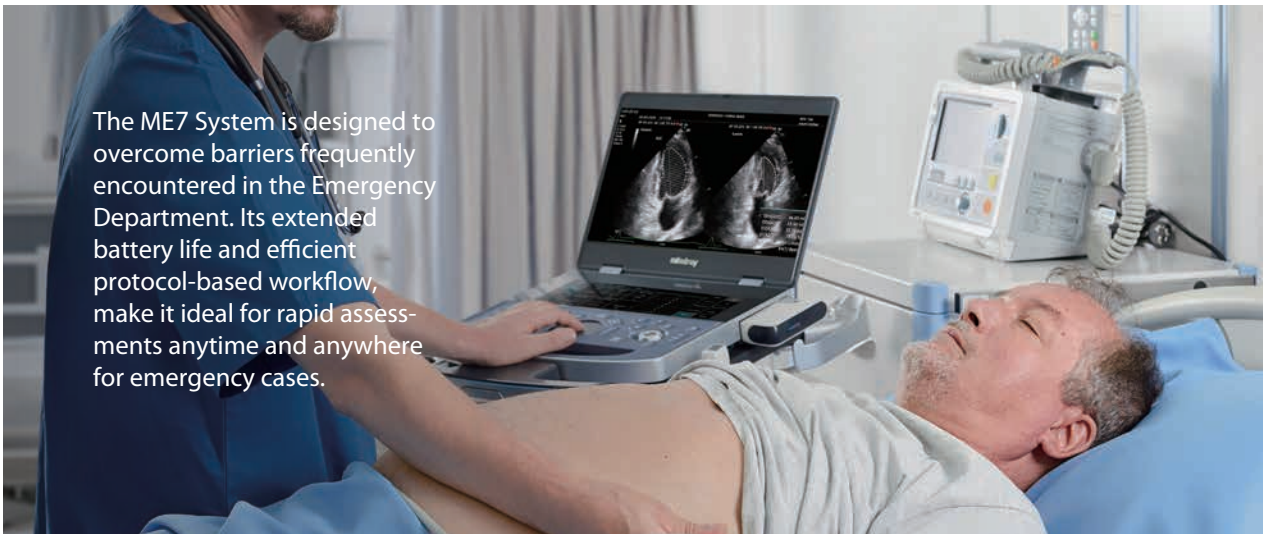
www.mindray.com

P/N:ENG-ME7-Critical Care Application-200275X2P-20200922
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ME7

Dedicated Portable Ultrasound System

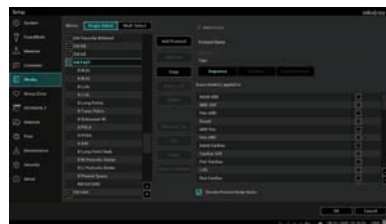
Emergency Application



The ME7 System is designed to overcome barriers frequently encountered in the Emergency Department. Its extended battery life and efficient protocol-based workflow, make it ideal for rapid assessments anytime and anywhere for emergency cases.

Efficient workflow

- Protocol-driven workflow, for exams such as FAST and FATE, elevates exam efficiency and efficacy.
- Simple and intuitive interaction with customizable layout
- iStation™ : Efficient patient data management system
- iZoom™: Instant full screen view



protocol based workflow



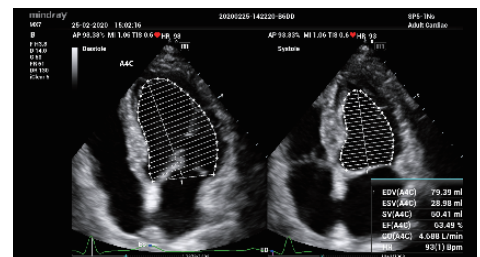
Customized layout

Advanced features for Emergency applications

- UWN (Ultra-Wideband Non-linear) Contrast Imaging
- iWorks™: Standardized workflow with flexible user-defined capabilities
- Dedicated EM exam mode and image preset
- OB exam mode on phased array

Auto measurements

- Advanced measurement tools like AutoEF, Auto calculation
- Smart caliper and Smart trace enhance efficiency and reproducibility.



AutoEF

ME7

Dedicated Portable Ultrasound System

Ready anytime

- System can be woken up to be ready any time imaging by opening the monitor within 10 minutes, ensuring the System can standby for a crisis anytime, anywhere.
- 8 hours continuous scanning with U-Bank
- About 20 seconds of booting up time for cold starting and 3 seconds from standby mode.
- Extremely fast transitions between transducer and exam mode, ensuring the System can respond quickly anytime you need.
- Built-in Wi-Fi
- Transducer cable management to avoid wheel rolling compaction
- Retractable power cable for efficient transportation



ME7

Dedicated Portable Ultrasound System

Anesthesia application



Specially designed for Anesthesia applications, the ME7 System helps improve daily workflow and accuracy of needle-guided procedures. The 4D magnetic needle navigation technology and perioperative hemodynamic solutions help anesthetists perform monitoring, treatments, and evaluation with confidence and ease.

Nerve Block Solution

eSpacial Navi

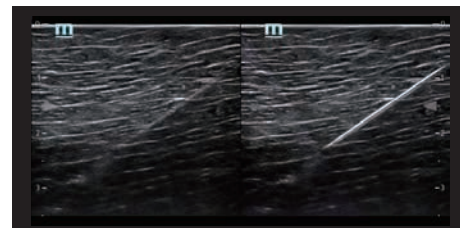
4D magnetic needle navigation technology delivers enhanced needle visualization and location during in-plane or out-of-plane procedures for improved physician confidence and patient safety during interventional procedures.

iNeedle+

Mindray second-generation iNeedle+ technology automatically detects needle angle and improves visibility on both linear and convex transducers during interventional procedures.



eSpacial Navi



iNeedle+

Comprehensive disinfection solution

Innovative design

- Seamless design control panel
- Touch interface
- Sealed touchpad

Durable construction

- Prevents residue buildup from cleaning and disinfection
- Designed to resist corrosion from a variety of harsh cleaning agents
- Highest standards of material selection

Certified disinfectant resistance

- Certification from Dr. Brill and Dr. Steinmann
- Certification from Trophon and Antigermix



ME7

Dedicated Portable Ultrasound System

Single operator puncture solution

- **iVocal:** Voice command function
- **L12-3RCs:** Linear transducer with 3 programmable buttons



- Comprehensive programmable functions: depth & gain adjustment, freeze & unfreeze, save image & cine, and more
- Anti-misoperation design
- Smart activating function



High Mobility

- 8 hours continuous scanning with U-Bank
- Cable management to avoid wheel rolling compaction
- Retractable power cable for safe usage
- Slim rolling stand for optimal mobility
- Built-in Wi-Fi



Simplified workflow

- Expeditious operation experience
- Total customized touch screen
- **iZoom™:** Instant full screen view
- **iTouch™:** One key image optimization
- **eGateway:** Enables seamlessly fitting into hospital's existed network, improves productivity while reducing the risk of transcription errors.
- **iScanHelper:** Embedded ultrasound tutorial software

