



# ME8

Portable Ultrasound System

## Small and mighty

Greater image clarity and exceptional intelligence all packed into an ultra-light, compact laptop. The Mindray ME8 point-of-care ultrasound system combines best-in-class image quality with an intuitive user experience to help ensure a reliable and efficient diagnosis. Suitable for critical care, anaesthesia and emergency departments.



## Designed around you

With a weight and thickness of just 3kg and 44mm, the ME8 is one of the lightest and thinnest laptop ultrasound machines on the market. Practical features such as the fully configurable touchscreen, dual probe extender and impressive eight-hour battery with U-bank, provide added convenience and flexibility. The robust magnesium alloy shell and durable fluid-resistant control panel make it ideal for withstanding the everyday rigours of clinical environments.

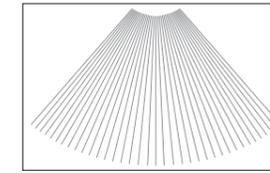
- 1 15.6" high-resolution monitor with a 185-degree hinge for improved visualisation
- 2 Seamless and fluid resistant control panel for effective and easy disinfection
- 3 Touch interface with multi-gesture support for exceptional usability and utility
- 4 Vertical cable routing prevents dragging and cable fatigue
- 5 U-bank battery provides up to eight hours of continuous scanning
- 6 Height adjustable cart with a 320mm lifting range
- 7 Three storage baskets for expanded utility and practicality
- 8 Retractable power cable preventing tripping hazards and contamination



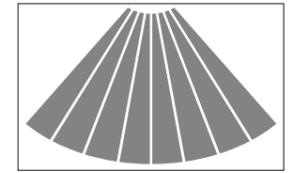
## Greater image clarity

### ZONE Sonography® Technology+

Mindray's pioneering ZST+ virtual beamforming technology gives clinicians immensely powerful image acquisition and processing capabilities, resulting in high contrast resolution, excellent uniformity and reduced motion artefacts. The ME8 is one of the first-ever laptop-based systems to be powered by ZST+, supporting fast and accurate diagnosis through reliable imaging in a compact, portable design.



Traditional beamforming  
(Line by line)



ZST+  
(Large ZONES of data)

## Improved confidence

Offering a variety of analysis and needle guidance tools, the ME8 can be configured to the suit the user's requirements, further simplify examinations and improving confidence.

### AI-powered lung and cardiac evaluation tools



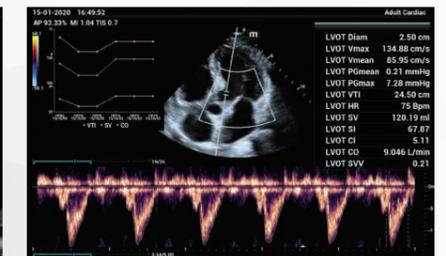
#### Smart B-line

Automated detection and calculation of lung B-lines. The scoring map provides a visual overview of the B-line results in each zone.



#### Smart IVC

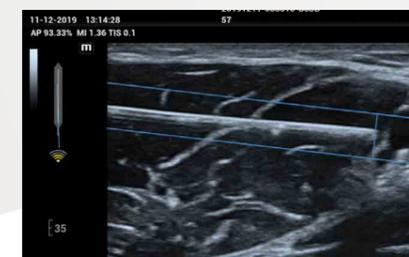
Automated measurement of Inferior Vena Cava (IVC), helps assess volume status and guides fluid management.



#### Smart VTI

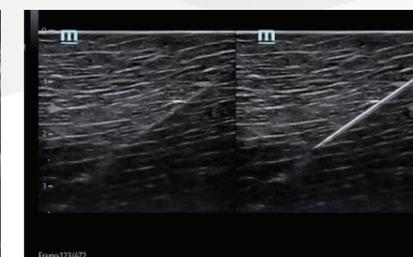
Automated measurement of the Velocity Time Integral (VTI) and cardiac output enables rapid assessment of cardiac function.

### Needle guidance tools



#### eSpatial Navi™

Detects the needle magnetically, providing clear and accurate needle positioning for in-plane and out-of-plane techniques.



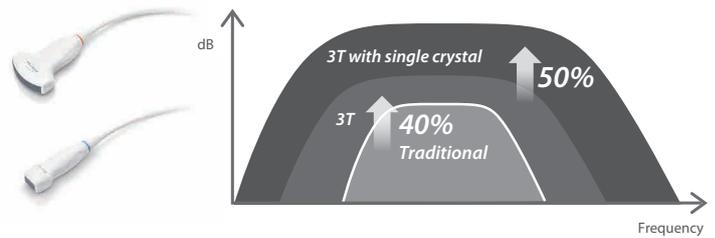
#### iNeedle+™

Detects the needle angle during in-plane procedures and automatically adjusts to ensure maximum needle enhancement.

## Excellent imaging with single crystal

Mindray's single crystal transducers with 3T technology, the SP5-1s and C5-1s, provide a wider bandwidth to simultaneously offer better penetration and higher resolution imaging.

To view our full range of ME8 transducers, visit [www.mindrayuk.com](http://www.mindrayuk.com) or scan the QR code



## Connectivity and integration

Transmit images, reports and demographics safely and securely to Electronic Patient Record (EPR) systems via Mindray's eGateway. This seamless integration makes comprehensive record keeping simple and helps inform clinical decisions whilst reducing transcription errors.



**5yr**  
**WARRANTY**

## Investment protection

Provided with 5-year warranty including transducers\*, the ME8 provides outstanding cost of ownership.

\*5-year warranty is available for systems and standard transducers and 2-year warranty is available for the cart when purchased directly from Mindray UK.

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