

Chinese medtech firm Mindray unveils first wireless handheld ultrasound system

February 15, 2023 | News

A historic breakthrough in the image quality level of handheld ultrasound



Mindray, China-based developer and provider of advanced medical devices and solutions, has recently launched its first wireless handheld ultrasound system, the TE Air.

Designed specifically to meet the demand of global healthcare professionals for a higher-quality portable ultrasound device that is easy to use in multiple medical environments and delivers crisp point-of-care ultrasound (POCUS) imaging, the TE Air revolutionises the way of using ultrasound by transforming a complicated ultrasound system into a small size device, while retaining its ability to meet higher clinical requirements.

Powered by Mindray's eWave platform and 2nd generation Single Crystal technology, the TE Air delivers high-quality images with low power consumption for ultimate performance. Meanwhile, with the features of dedicated exam presets and comprehensive imaging modes, the TE Air allows clinicians to conduct ultrasound examinations more efficiently and offers more accurate decision-making assistance.

The TE Air's wire-free design and compact size that easily fits in a pocket, high-level disinfection tolerance, and flexible charging for extreme mobility, empower clinicians to overcome the challenges brought by unexpected mobile clinical scenarios. The unique Air Capsule doubles as a protective case and a portable wireless charger that keeps the device running all day, taking only 35 minutes to fast charge the device. With an IP68-level waterproof and dustproof design, the device is fully immersible for high-level disinfection, suitable for hospital infection control.