

# M5 Hand-carried Color Doppler Diagnostic Ultrasound System

## Good Things Come in Small Packages

The launch of Mindray's new laptop-size ultrasound systems will involve users worldwide into a new time.

Ever since the foundation, Mindray has been inventing self-patent medical technologies. In ultrasound, our continuous customer-centric technologies have created the world a family of versatile ultrasound products with excellent performance.

As we see it, the future of ultrasound looks even more exciting with easy-to-transport systems.

Mindray ultrasound is evolving. An innovator in sonography and patient care solutions, we are now endeavoring to allow you to perform diagnostic exams in more places. This will help shape a new age of healthcare in which ultrasound diagnosis can happen anytime and anywhere.

Ultrasound healthcare is entering the future, and so will you.



**MINDRAY™**

Mindray Building, Keji 12th Road South, High-tech Industrial Park,  
Nanshan, Shenzhen 518057, P. R. China  
Tel: +86 755 2658 2888 2658 2492 Fax: +86 755 2658 2680  
E-mail: [intl-market@mindray.com](mailto:intl-market@mindray.com) Website: [www.mindray.com](http://www.mindray.com)



DISTRIBUTOR:



[www.mindray.com](http://www.mindray.com)



# M5 Hand-carried Color Doppler Diagnostic Ultrasound System



## Rely on the high performance

The M5, weighing 6Kg, delivers large-scale functionality and greater diagnostic confidence. Mindray is committed to best-in-class image quality and easy optimization tools as good as a much bigger system. The M5 integrates brilliant color imaging capability with uncompromised 2D performance. The Multi-beam Parallel imaging (MBP) increases temporal resolution and real-time frame rate, while collecting useful information to re-build high quality images. Image homogenization full fills the whole field up to 30cm deep. The M5's advanced platform is designed to provide new clinical value and productivity for the healthcare environment worldwide.

The M5 offers complete imaging modes: 2D, M, PW, HPRF, CW, Color, Power and DirPower. CW (continuous wave Doppler) and Free Xros™ Imaging (anatomic M mode) for more accurate cardiac diagnosis. Smart3D™ leads to vivid ultrasound healthcare, iScape View™ (panoramic imaging) and trapezoidal imaging expands to a wider field of vision\*.

*(\*Smart3D and iScape panoramic imaging are only compatible on M5 Expert.)*



**With its uncompromised image quality, the M5 is capable of extending your diagnosis beyond general imaging to advanced application.**



The M5 is ergonomically designed as a fast and easy-to-use machine for operators of different background. With a home-based panel and operator's navigation, the M5 is ready to conduct an efficient exam. The M5 features a high-resolution 15-inch TFT monitor of wide view of angle. Magnesium alloy shell makes select the M5 more durable.

## **M5** Hand-carried Color Doppler Diagnostic Ultrasound System

### Bring you an easy scanning

Based on multi-language interface and user-defined presets you can customize your system for any exam type and edit your favorite specific exam package. User-defined scanning programs include image parameters, exam modes, measurement items, calculation formulae and so on. The fast information management platform saves every second on archive storage in your urgent diagnosis and allows after-scanning analysis.

Quickly optimize the image quality with one button iTouch™ (intelligent image optimization) for better whole field grayscale and uniformity, IP (image processing) for balanced parameter groups, soft keys for convenient image parameter adjustment and active screen parameter adjustment.



Easy portability



Capable to act as a cart-based BIG machine



Cart supports three selectable transducers (Two active)



Variety of transducer selections with THI frequencies



Convenient Software upgradeability and information transport



User-centric interface

## Take M5 with you anytime and anywhere

Uniquely, with its small size, M5 is easy to transport, boosting its application to more places like ambulances, gymnasiums, operation rooms and field. Benefiting from a fast, 25-second boot up time, rechargeable batteries and light-weight multi-frequency transducers with THI (tissue harmonic imaging) for better contrast and spacial resolution images, the M5 is ready for scanning wherever and whenever you are.

Patient archive including data and images can be pre-processed and stored permanently for future management. Easily store, review and manage patient data with the intelligent information management platform iStation™, shortcuts and the user-defined keys accordingly. And the M5 system integrates seamless network and plug-and-play connectivity such as DICOM, USB ports and so on.

*Practical accessories wherever  
and whenever you need your M5.*

