

## MX7

Hand-Carried Ultrasound System

# Lighten up infinite possibilities



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To provide the accurate, efficient and timely scanning for patients, portable ultrasound system becomes increasingly popular for mobile applications. Such as for private office, specialty clinics, hospital bedside, and even some emergency rescues.

Since Mindray was founded, the engineers have devoted to developing the most appropriate portable ultrasound to fit the increasing mobile clinical requirements .

MX7 facilitates accurate diagnoses based on the leading-edge ZST+ platform while supporting efficient workflow with total customizable touch screen, lightest compact main unit and super-long 8h battery time empower usage at any mobile clinical environment, advanced functions and analysis tools can be incorporated into your daily routine.

MX7 is going to be your handy assistant wherever you go.



Trustworthy imaging



Dedicated and professional solutions



Convenient and agile mobility



Intuitive interface

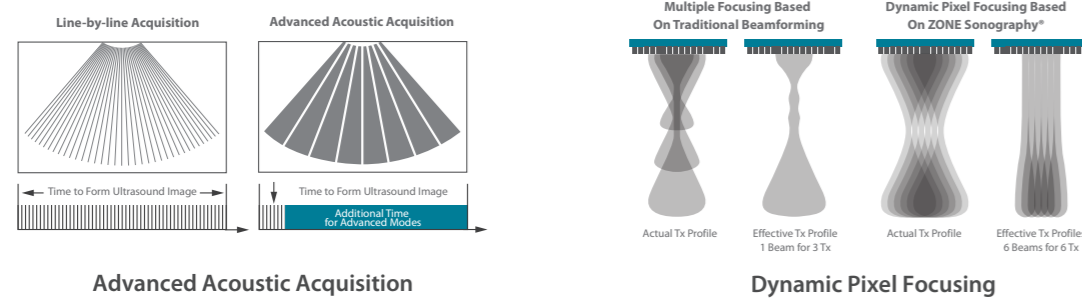


# Trustworthy imaging

Reliable image is always the key in ultrasound examination. With revolutionary, software-based beamformer technology, ZST+, the MX7 System combines best-in-class image quality to help ensure reliable and efficient diagnosis during the most challenging exams.

## First laptop-based ultrasound powered by ZST+

The MX7 series is the first portable unit to be powered by our innovative ZONE Sonography® Technology (ZST+), enabling advanced imaging capabilities and expanded feature sets in a more compact design.



# Dedicated and professional solutions

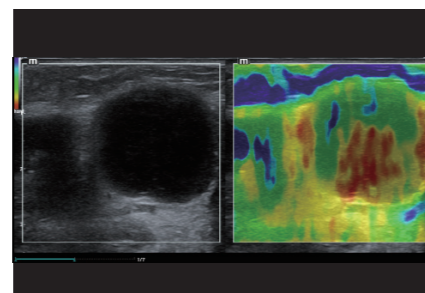
Under different scenarios, the dedicated configuration and conditions are needed to complete the exam smoothly. With the variable configuration, MX7 can be applied to multiple applications such as general imaging, cardiovascular and OBG applications.

## Dedicated General Imaging solution

As the most conventional ultrasound application, general imaging requires accurate and valuable information during scanning. With the Natural Touch Elastography, Contrast Image and iNeedle+ on MX7, the GI exam can be performed smoothly and precisely.

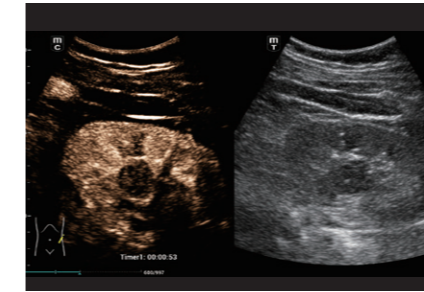
### Natural Touch Elastography

Based on Mindray's latest patented technology, natural touch elastography reduces dependence on user's operation technique, improving operator's reproducibility for higher clinical utility with higher stiffness sensitivity and good stability and reproducibility.



## Ultra Wideband Non-linear contrast imaging

The UWN+ contrast image on MX7 enables to detect and utilize both 2nd harmonic and non-linear fundamental signals, generate the significantly enhanced images in better sensitivity, With minor signals and longer agent duration under lower MI.

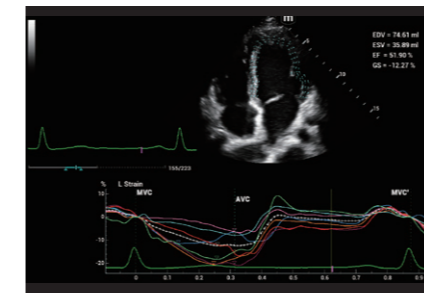


## Dedicated Cardiovascular solution

On MX7, plenty of advanced cardiovascular solution can be accessed easily, not only the most popular function TT QA, Auto EF and LVO, but also the distinctive ones, RIMT, RVQS.

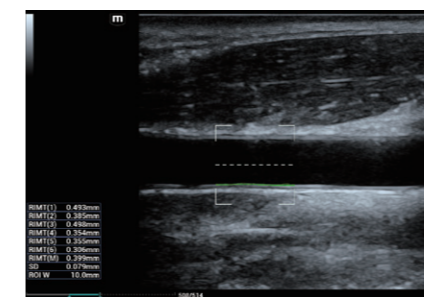
### Tissue Tracking Quantitative Analysis

Based on the excellent transducer technology, MX7 significantly improves the tracking accuracy and effectiveness. With the unique added benefit of on-site analysis, the TT-QA can be performed at the bedside, saving time and simplifying challenging diagnoses.



### RIMT

RF-data Based IMT on accurate real-time IMT measurement with high precision, real time and auto measurement, can improve early diagnosis of CVDs and improve the effectiveness of pharmacy treatment follow-up

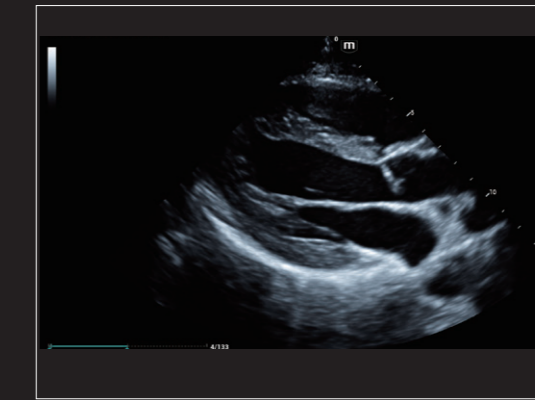


## Dedicated OBG solution

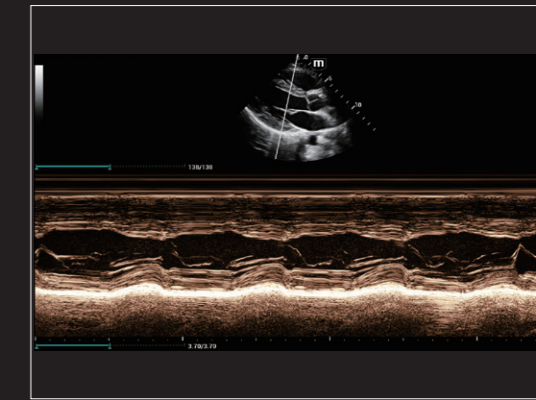
With the wide angle (190 degree) endocavity probe and Smart OB function, MX7 delivers the smart solution for OBG applications.

### Smart OB

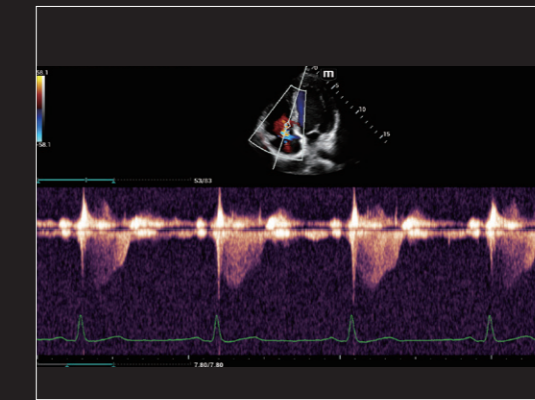
Helps you measure fetal parameters automatically, The system will trace and calculate the BPD, OFD, HC, AC and FL after one click, providing you with higher efficiency during OB examination.



Adult Cardiac



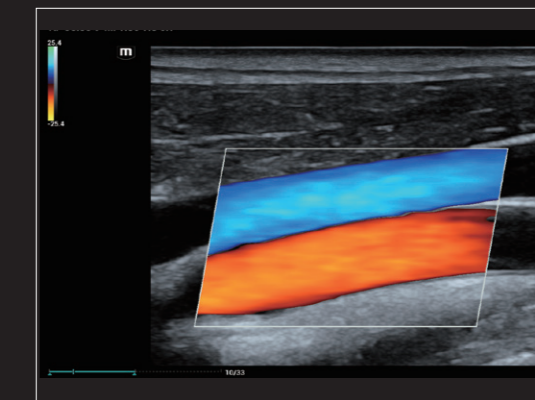
M mode



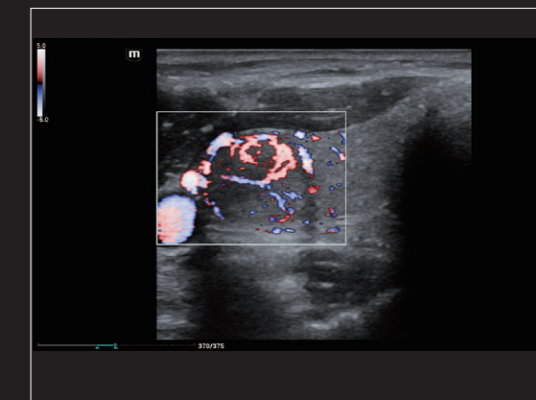
Tricuspid Regurgitation



Carotid duplex



Carotid & Jugular vein



Thyroid nodule



Hepatic vein



Renal perfusion

# Intuitive interface

Efficiency always be important in the mobile environment. especially under emergency situation, to have a simplify, immersed interface and smooth workflow will be a great help to save patients' life. On MX7, with the best inventive and interactive design, MX7 provide you the best user experience on efficiency. Meanwhile, the three screens, user-centric and user-define layout, ensure all the information can be get in the intuitive way.

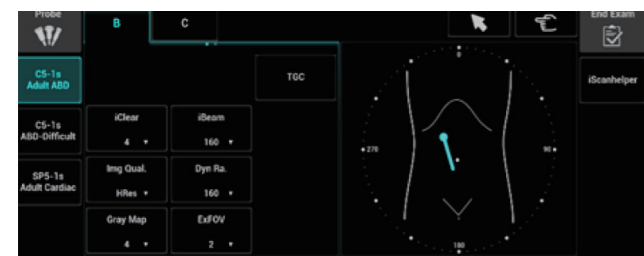
## Intuitive Information Presentation – Three screens design

The design of multiple screens on MX7 provides more viewpoint, easy to get more information with less steps. User-define touch screen simplifies the workflow, reduces the key strokes. 0-185° free tilting angle ensures the image can be read from any angle you need.



## User-centric design – Advanced, professional and ease of use

Incorporating advanced design concept on software interface makes you easier to access each operation, providing better operating experience with efficiency.



## User-define layout

Total customization design contributes to accurate contents displaying, from pouring everything to the user to give user what they want.



# Convenient and agile mobility

## Thin, light, powerful

The MX7's main unit, with a **3kg** weight and **44mm** thickness, provides the extreme experience for mobility. Besides of the compact design, it is also embedded with a powerful inner core.



## Advanced Battery Solution

Adaptively interconnected with U-Bank, connected through magnetic power socket to support 8h continuous scanning, providing one day scanning companion. U-Bank can be used embedded with trolley, or connected with main unit directly.



## Medical-grade magnetic power socket

- Simple to connect
- Prevents cable strain



## Convenient probe extender:

- Extend the probe socket from one to two ports, no matter with trolley or not.

## AL-Mg alloy design:

- AL-Mg covers on MX provides the high quality with better robust and duration.

## Cable management

- Probe cable upwards
- Multi-functional rear handle for winding cable

## Innovative storage design

- Three storage baskets provide large storage space;
- The baskets are interchangeable, the tray can be used as cover to avoid dropping.

## Largest lifting range

- 320mm height lifting range.
- Cover any customers' heights especially for western users

## Vibration-reducing wheels

- Adapt to various road conditions



The whole trolley is resistant to a variety of disinfectant