RT2-2016
RCA OFFER 2
Item no. 63.00

mindray
healthcare within reach

M7 Premium
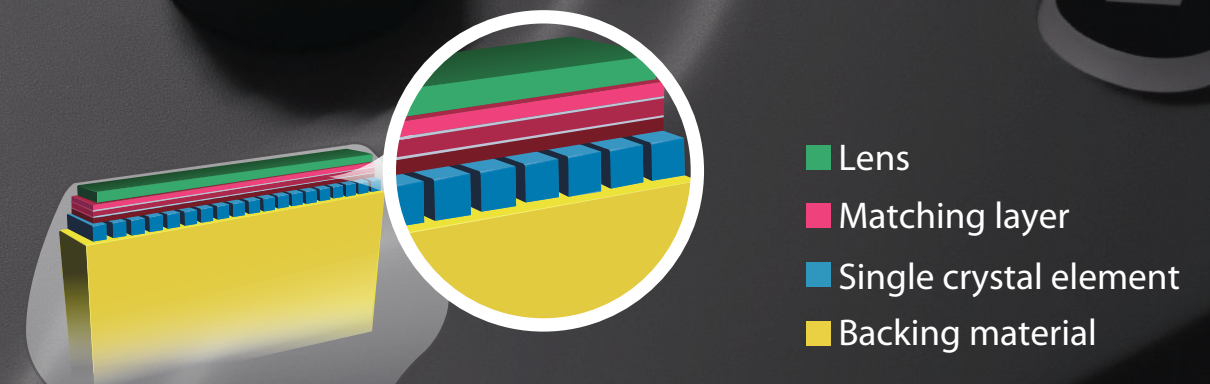Hand-Carried Ultrasound System

The excellence to go further

mindray

All new level with mQuadro

With the mQuadro ultrasound platform and high-end level capabilities, the M7 premium has raised overall performance to an all new level, particularly for high resolution, penetration and sensitivity.

Signal crystal with 3T Technology™

Benefitting from mQuadro and further enhanced by the single crystal transducer, the M7 premium offers better penetration and color sensitivity for cardiology, especially during technically difficult-patient scanning.

■ Lens
■ Matching layer
■ Single crystal element
■ Backing material

HR Flow

mQuadro platform provides extremely high penetration and sensitivity for both large and small vessels, easily detecting the condition of blood flow and vascular structures in the region of interest.

The excellent performance goes further

With over ten thousand units installed and proven performance, over the years following its launch the laptop series has been accepted as an outstanding ultrasound system. Addressing more and more critical clinical issues encountered in bedside ultrasound scanning, the totally new M7 premium, upgraded with mQuadro platform, has been developed with excellent capabilities for satisfying comprehensive clinical requirements.

Upgraded with mQuadro platform, configured with SP5-1s, single crystal transducer, and rich functionality, the M7 premium goes further in providing more valuable tools and more accurate information for physicians.
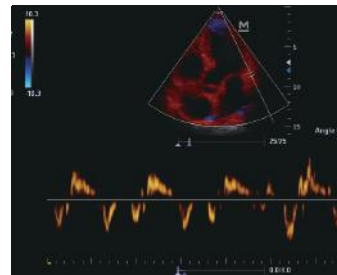
Versatile with expert tools

Extending its advanced capabilities to the most demanding applications, the M7 premium is a versatile system equipped with a complete range of expert tools.

Cardiovascular

Tissue Doppler Imaging with Quantitative Analysis (TDI and TDI-QA)

Supported by Mindray's unique 3T technology with single crystal, the M7 premium significantly improves the performance of Tissue Doppler Imaging. With the added quantitative analysis package with comprehensive parameter outputs such as velocity, strain and strain rate, the TDI-QA performs with ease at the bedside.
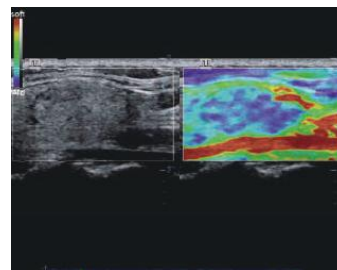
Smart Track

Due to the new platform, the smart track enables to automatically optimize color box and Doppler gate placement accurately, making sure the optimal and best display for color flow and spectral Doppler signal.

Abdomen and Small Parts

UWN Contrast Imaging (Ultra-Wideband Non-linear)

The M7 premium leverages the new platform to support Mindray's patented technology, UWN contrast imaging, enabling detection and utilization of both 2nd harmonic and non-linear fundamental signals, generating images with significant enhancements.

Natural Touch Elastography

Based on Mindray's exclusive technology, Natural Touch Elastography reduces dependence on a user's operating technique, improving reproducibility for increased clinical utility.

TVD

Smart Track

CEUS

Elastography

Obstetrics and Gynecology

3D/4D Imaging

For better obstetric diagnosis, M7 premium delivers valuable 3D/4D images.

Smart OB

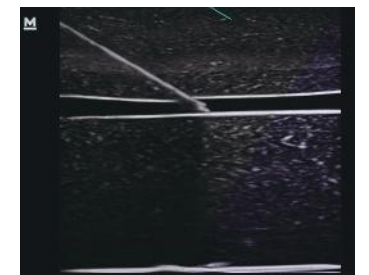Accurate auto measurements of most frequently examined parameters on a single click, including BPD/HC/FL/AC/OFD

Point of Care

Anesthesia

With totally new needle visualization enhancement tool, iNeedle is able to recognize and adapt the puncture angle automatically, enhancing both needle tip and pathway clearly.

Rich in advanced features including iZoom™, TEE probe, and dedicated nerve exam presets, the M7 premium is an ideal system for nerve block and intraoperative monitoring for anesthesia.

Emergency

With high quality performance, fast and accurate measurements, the M7 premium can be trusted for immediate patient-care decisions.

3D/4D

Smart OB

iNeedle

Pericardial Effusion

Efficient work

The M7 premium also provides efficient operation with both automatic measurement tools, flexible connectivity, and user-friendly ergonomics, for reduced operation times and smoother diagnosis.
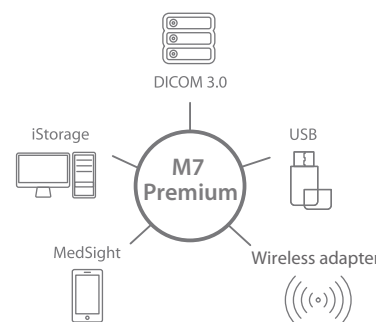
Auto Measurement

- Auto IMT: automatically detects and calculates the thickness of carotid intima-media
- Auto LV: semi automatically traces the left ventricular wall to calculate LV function
- Auto PW trace & calculation: automatically calculates PI, RI, TAMAX, TAMEAN, Volume Flow, etc.

Connectivity

- DICOM : complete DICOM solution
- iStorage: transfer images and reports to PC directly
- MedSight: mobile device app for image transfer

User-friendly ergonomic

The laptop and smart design of M7 premium permits easy transportation and storage. Equipped with cart, the system can be used across multiple clinical scenarios.

DICOM 3.0
iStorage
USB
M7 Premium
MedSight
Wireless adapter

15" LCD HD monitor

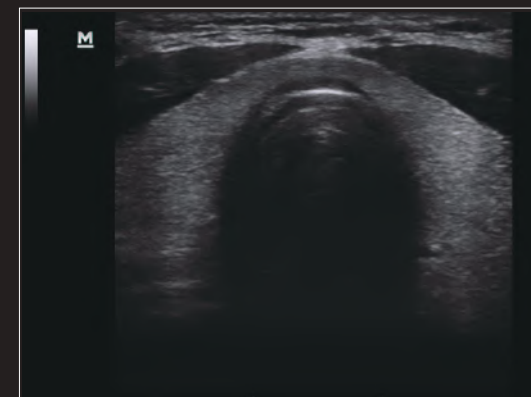Built-in battery provids 90 min scanning

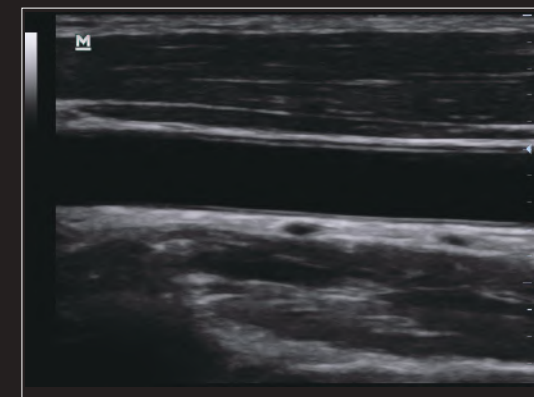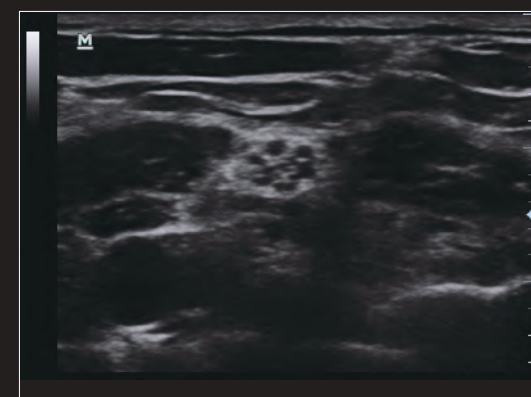SSD hard drive

Image Gallery

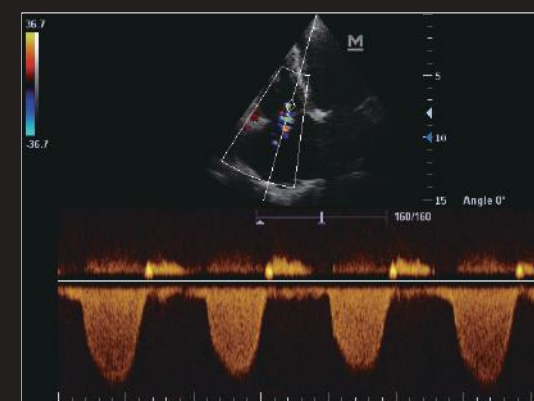Liver

Renal Color Flow

Thyroid

Carotid

Brachial Plexus

Long Axis

Mitral & Tricuspid Regurgitation

Mitral Regurgitation