Simple | Smart | Focused

TE7

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healthcare within reach

Intuitive user interface provides easy operation

Simple

The TE7 touch screen ultrasound system is designed to provide superior quality imaging for rapid patient-care decisions. Intuitive gesture controls and efficient focused point-of-care exams minimize the user learning curve, with no need to navigate a knob cluttered keyboard. Touch enabled response, targeted application presets, and one touch image optimization improve diagnostic confidence and efficiency. Extract and go capability with its unique retractable power cable and built-in battery makes TE7 always ready for the point-of-care ultrasound environment

The TE7 streamlines the scanning process with an intuitive gesture enabled screen. No confusing keyboard and system controls to learn. Simply selected exam preset and relevant functions are easily accessible.

Most frequently used ultrasound functions are displayed on the top level screen. Advanced functions and features are just a 'touch away' on touch enabled menus.

Touch Enabled Response

User-defined functionality provides a new standard of point-of-care ultrasound. State-of-the-art fingertip operation, even with gel covered gloves, provides simple control and setting optimization at the swipe of a finger.

Touch-screen Gestures

With touch screen gestures: tap to open or close functions, drag to adjust parameters, move objects, pinch to zoom in or out, slide for multi-selection, and even swipe to expand the image…all with a fingertip. A unique simple, yet smart ultrasound system for point-of-care.

Expeditious Operation Experience

Designed for speed and efficiency, the TE7 delivers the most expeditious experience without any response delay to your touch gesture, even with your gloves on. The user centered interface insures an immediate and precise operation on parameter adjustment, measurement and image review.

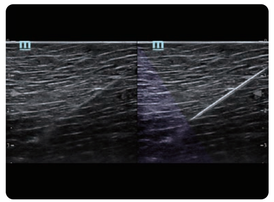
Simplified workflow for saving time

The TE7 realizes the benefits of workflow efficiency while providing superior imaging for rapid bedside patient assessment. User-friendly features such as 3 sec boot up from standby, swift touch response of settings and fingertip controlled precise measurements, streamline workflow in a point-of-care setting. Equipped with efficient features including iNeedle™, iZoom™, iTouch™, the TE7 offers diagnostic confidence for improved patient care.

iNeedle ™

Optimal needle visualization

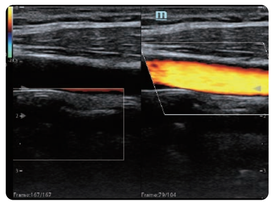
Advanced needle visualization allows the needle increased visibility even during steep-angled procedures, while maintaining superior image quality. Improved confirmation of needle location in tissue minimizes harm to surrounding tissue.



iTouch ™

One touch image optimization

iTouch automatically adjusts images in B, Color and PW modes. iTouch on Doppler images automatically detects best optimal color box position and angle, along with optimal alignment of PW sample volume position and angle.



Data Management

Efficiently archive, review and transfer patient data

The 120GB solid state hard drive in the TE7 not only expeditiously processes large amounts of data, but also facilitates efficient image archive and review. Wired or wireless communication technology may be used to transfer patient data to PC or smart phone.

Innovative ergonomic design in every detail

The TE7, with its slim profile, is easy to transport and store; besides being mounted on an ergonomic cart, it can also be mounted on a desktop stand or a wall mount for a wide viewing angle. The seamless and non-porous touch screen is easily disinfected, secured with a 10s screen locking feature for easy cleaning even during exams.

Smart

15" touch screen with anti-glare and wide viewing angle

Transducer cable management for cord longevity and ease of use

Built-in battery provides long battery life

Built-in wireless network

Height adjustable smart trolley

Touch enabled screen responsive to gloves and gel

Three transducer connectors for on-screen transducer selection

Convenient accessory supply bins

Retractable power cable for extended range and efficient transport and storage

Focused Applications in POC

With intuitive design, ease of operation, superior image quality, and a simplified workflow, the TE7 provides diagnostic confidence for focused applications of anesthesia and pain management, critical care, emergency medicine and musculoskeletal bedside examinations.

Complete Transducer Solution

Equipped with Mindray's unique 3T transducer technology, TE7 offers a full suite of transducers for a wide variety of applications, including convex, linear, phased array, endocavity, intraoperative and TEE transducers. With up to 16MHz linear transducer, TE7 assures you a crystal clear image on superficial structure.

Anesthesia and Pain Management

With its compact touch screen and advanced features, including iNeedle™ visualization, dedicated nerve exam presets, and TEE transducer, the TE7 is an ideal system for nerve block and intraoperative cardiac monitoring. The TE7's intuitive workflow makes operation efficient for the demanding OR environment.

Focused

Critical Care

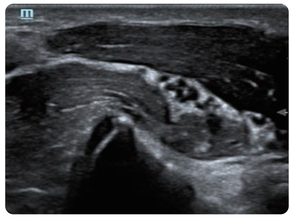
The TE7 offers rapid cardiac and abdominal evaluation at the bedside to examine critically ill patients. A small footprint, superior image quality, streamlined workflow, TEE transducer, and biopsy guidance capability make the TE7 an excellent choice for critical care environments.

Emergency Medicine

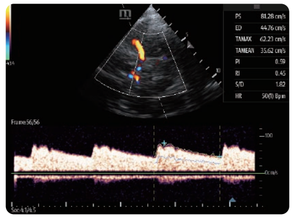
With its fast boot-up time, ergonomic profile, and intuitive user interface, the TE7 rapidly evaluates medical conditions at the bedside more efficiently and confidently. Extreme portability, built-in battery, and emergency packages such as EM FAST and EM ABD make the TE7 an ideal partner during emergent situations.

Musculoskeletal

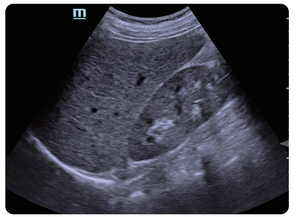
A high frequency linear probe, highly sensitive power Doppler, and biopsy guidance features ensure diagnostic confidence of interventional procedures in sports medicine, orthopaedics and rheumatology.



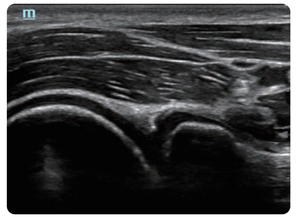
Median nerve



TCD



Morison's pouch



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