

TE7

Touch Enabled Ultrasound System



simple | smart | focused

mindray

Simple

Touch interface provides intuitive operation

The TE7 Touch Enabled Ultrasound System is designed to provide superior imaging quality for rapid, confident decisions. Intuitive gesture controls and focused point-of-care exams minimize the learning curve, with no need to navigate a knob cluttered keyboard. Touch enabled response, targeted exam presets, and one-touch image optimization improve diagnostic confidence and efficiency.





The TE7 streamlines the scanning process with an intuitive gesture enabled screen. No confusing keyboard and system controls to learn. Simply select a focused exam preset and relevant functions become accessible.

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

Touch Enabled Response

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

Touchscreen Gestures

With touchscreen gestures, tap to open or close functions, drag to adjust parameters or move objects, pinch to zoom in or out, slide for selections, and even swipe to expand the image...all with a touch of the finger. A uniquely smart, yet simple shared services system.



Simplified workflow saves valuable time

The TE7 realizes the benefits of workflow efficiency while providing superior imaging for rapid bedside assessment. User-friendly features such as 3-second 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 rapid 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 minimizes disruption 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 reports

The 120GB solid state hard drive in the TE7 not only manages large amounts of data, but also facilitates efficient image archive and review. Wired or wireless communication technology may be used for seamless integration with PACS or to transfer reports to EMR, USB flash drive or PC.

Transducer cable management for longevity and ease-of-use

15" high resolution, anti-glare touchscreen with wide viewing angle

Built-in battery provides 2+ hr continuous scanning

Built-in wireless communications

Printer shelf

11.4" (29 cm) adjustable height





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 touchscreen is easily disinfected, secured with a screen locking feature for cleaning during an exam.

Touch enabled screen responsive to gloves and gel



Three active transducer connectors for on-screen selection



Convenient accessory supply bins



Retractable power cable for fast transport and storage



Versatile Applications

The superior image quality, intuitive touch interface, and simplified workflow of the TE7 provides diagnostic confidence for emergency medicine, anesthesia and pain management, critical care

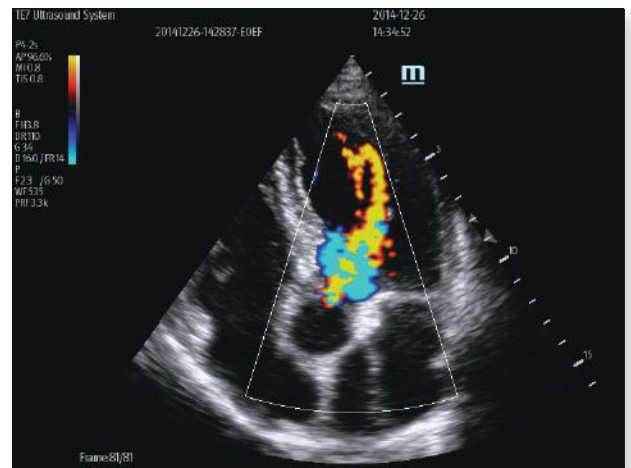
and musculoskeletal bedside examinations. A full suite of transducers for a wide variety of applications supports targeted exams for rapid assessment.



Emergency Medicine

In the fast paced emergency environment, the TE7 responds with its fast boot-up time, intuitive user interface, and ED specific applications, such as EM ABD, EM FAST and Q-path.

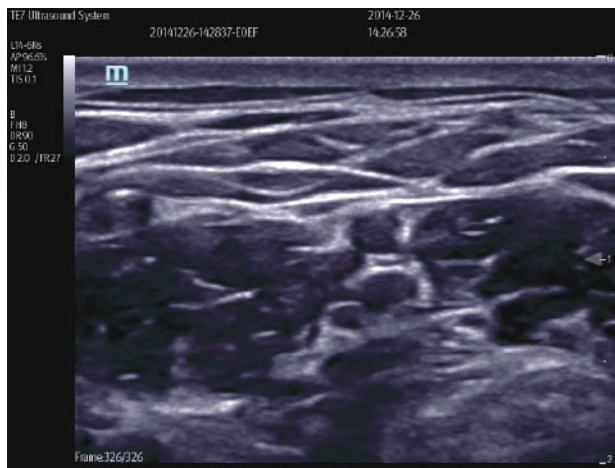
Extreme portability, extended battery life, wireless communications, and ergonomic profile make the TE7 an ideal partner during emergent situations.



Critical Care

The TE7 supports rapid cardiac and abdominal evaluation at the bedside for critically ill patients. With its rich application suite, including cardiac capabilities with TEE support, and biopsy guidance tools, the TE7 is an excellent choice for intensive care environments.

Focused



Anesthesia and Pain Management

With its compact touchscreen and advanced features, including iNeedle™ visualization and dedicated nerve exam presets, the TE7 is an ideal system for nerve block and pain management. With the addition of cardiac functionality and the TEE transducer, the TE7 also meets the demands of the high end CVOR environment.



Musculoskeletal

A high frequency linear transducer, highly sensitive power Doppler, and biopsy guide feature ensure diagnostic confidence of interventional procedures in sports medicine, orthopedics and rheumatology.



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