

# TE7 Max

## Ultrasound System



# Maximize Your Potential

The TE7 Max Ultrasound System is designed to maximize your capabilities in demanding Point of Care environments. With its thoughtful industrial design and best-in-class image quality, the TE7 Max provides a superior user experience during rapid clinical assessments and procedures taking place at the patient's bedside or on the go.

The TE7 Max boasts a large 21.5" vertically oriented high-definition display and a sealed touch-based interface to optimize visualization and accessibility when every second counts. The TE7 Max also incorporates a comprehensive suite of artificial intelligence (AI) powered Smart Tools and workflow enhancement software (iWorks™) making efficiency and reproducibility the expectation for all end users.

Since its founding, Mindray has been dedicated to developing innovative and accessible ultrasound solutions. As a leading global developer, manufacturer, and supplier of medical devices, Mindray's ultrasound systems can be found in each of the top 10 hospitals in the United States<sup>1</sup>. With over 30 years of experience, Mindray has deep-seated roots and a sole focus on the healthcare industry. This keen focus allows us to partner together with clinicians like you and break the boundaries to innovation. You will never have to worry about where our focus, passion, or interest lies because we live and breathe healthcare, just like you.

1. <https://health.usnews.com/health-care/best-hospitals/articles/best-hospitals-honor-roll-and-overview>



# Maximum Versatility

## Emergency Medicine

When time is limited, an ultrasound system needs to be able to adapt to various challenges faced in Emergency Medicine. The TE7 Max is equipped with an extensive suite of specialty transducers and advanced AI-powered software applications, making it an ideal system to elevate your practice and enhance patient outcomes.

## Critical Care

Critical Care Medicine requires clinicians to have access to advanced technologies when caring for their patients. The TE7 Max's best-in-class cardiac imaging and capabilities, including Auto EF and TEE imaging, combined with automated Fluid Management tools, make it the optimal solution for Critical Care environments.

## Anesthesia

Ultrasound-guided procedures can help improve efficiency and patient safety by providing real-time feedback to clinicians. The TE7 Max is equipped with the most advanced suite of needle enhancement technologies - eSpatial Navi™ 4D magnetic needle navigation technology and iNeedle+™ visualization technology help streamline workflow and improve accuracy with needle-guided procedures.

## Interventional Procedures

Whether a biopsy, vascular access, or any application in-between, ultrasound can help guide clinicians for improved accuracy and reduced risks. The TE7 Max's crystal clear image quality, high-level disinfection capabilities, voice control assistant, and programmable transducer buttons make it an outstanding solution for ultrasound-guided interventional procedures.

## Curved Array

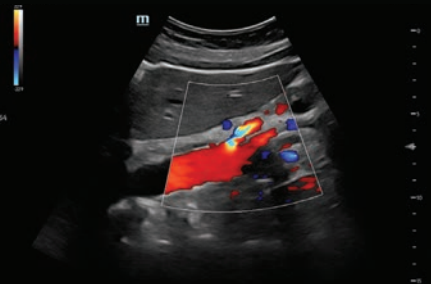
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Gallbladder Cholecystitis



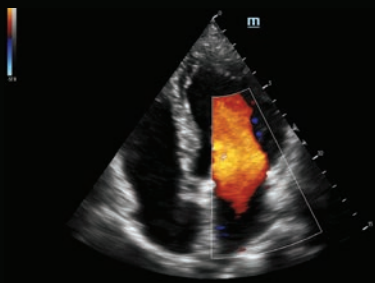
IVC



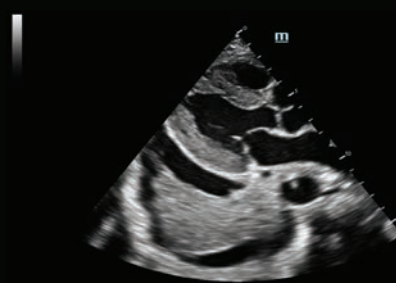
Aorta

## Phased Array

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Apical 4 Chamber



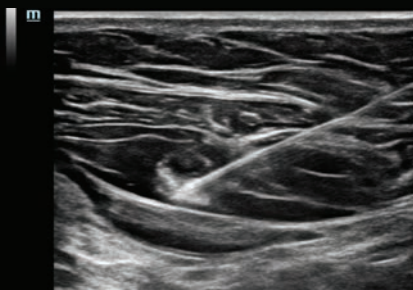
Pleural Effusion



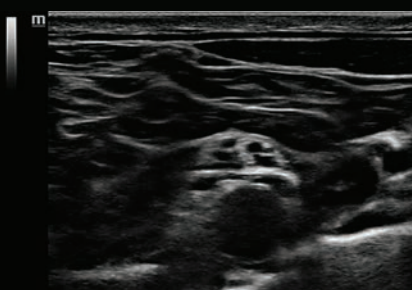
Parasternal Long

## Linear Array

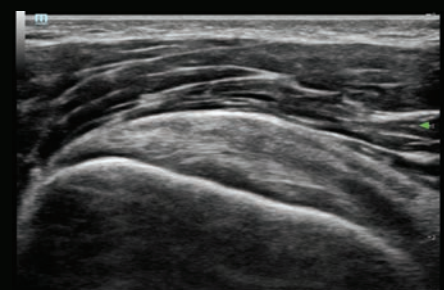
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Serratus Anterior



Brachial Plexus



Supraspinatus

# Designed to the Max



21.5" LED monitor with high-resolution display



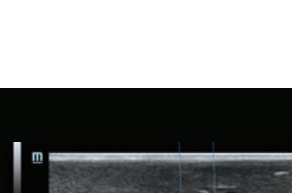
Touch-enabled interface with customizable multi-gesture support



Sealed interface for fluid resistance and ease of disinfection



Elevated transducer mounting



Dedicated disinfectant holder

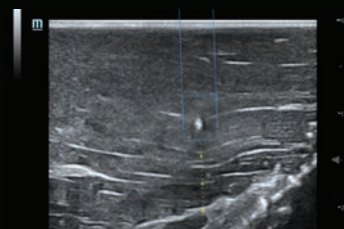


Retractable cord to reduce tripping hazards and contamination

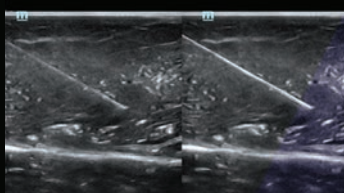


## Advanced needle visualization tools

eSpatial Navi software provides 4D magnetic needle navigation that delivers enhanced needle visualization and location information during in-plane and out-of-plane procedures. During interventional procedures, the needle tip and trajectory are visualized, allowing for improved physician confidence and patient safety. Mindray's exclusive second-generation iNeedle+ technology automatically detects needle angles and improves visibility on both linear and convex transducers during interventional procedures.



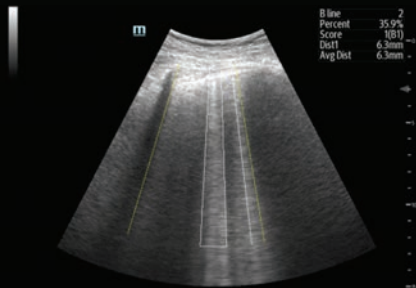
eSpatial Navi



iNeedle+

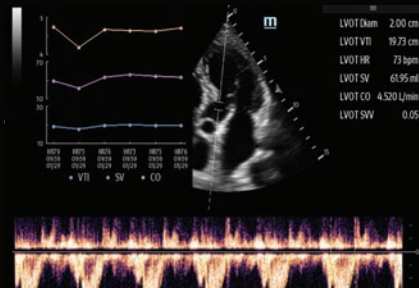
# Elevating Outcomes Through Innovation

## AI Smart Tools to empower your workflow



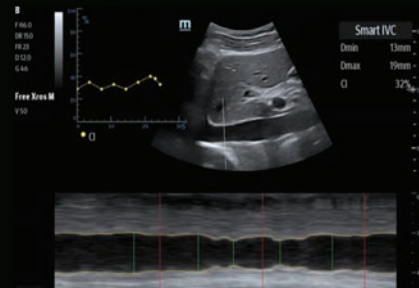
### Smart B-Line

Enables rapid assessment of lung tissue by automatically calculating number and area percentage of B-Lines according to user-selected protocols.



### Smart VTI

Automated Velocity Time Integral (VTI) and Cardiac Output (CO) measurements enable rapid cardiac function assessment.



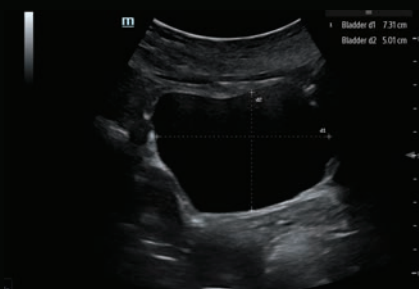
### Smart IVC

Automated measurement of Inferior Vena Cava (IVC) helps assess volume status and guides fluid management.



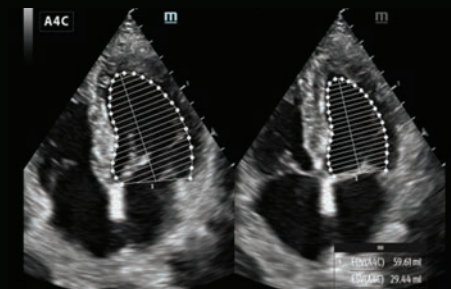
### Smart FHR

Automated fetal heart rate calculation utilizing B-mode echo data.



### Smart Bladder

Automated measurement of bladder volume to determine pre and post void measurements.



### Auto EF

Proprietary technology to analyze 2D echo data to automatically calculate EDV/ESV/EF for left ventricle function evaluation.

# Maximize Your Value

## Industry's best investment protection and total cost of ownership

### Living Technology™

Living Technology is a continually evolving software-based approach to providing our customers with easily upgradeable enhancements made possible by our core imaging technologies. These upgrades secure product investment protection by ensuring that Mindray Ultrasound Systems remain at the cutting-edge of imaging performance excellence throughout their entire life cycle.

### Standard five year warranty\* includes:

- Five year coverage on main system and parts, and technical phone support Monday-Friday, 8 am–8 pm ET (excluding U.S. holidays)
- Five year coverage on standard transducers (normal wear and failure)
- One year coverage on specialty transducers including, but not limited to, TEE and 4D transducers
- Five year software performance updates with Living Technology

\* Standard five (5) year warranty is available for systems purchased directly from Mindray North America. Warranties for systems purchased from Mindray authorized agents can vary.

\*\* Upgrades, such as new application packages and hardware, are optional purchases.



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