

Resona 7 Ultrasound System

Sapphire Edition

The continuing evolution of ZONE Sonography® Technology (ZST+) provides a rich package of new diagnostic capabilities and enhancements

Mindray's Living Technology increases clinical value and protects your investment with easily upgradable enhancements to keep your ultrasound system at state-of-the-art performance. Enabled by Zone Sonography Technology (ZST+), the Resona 7 Sapphire Edition release significantly broadens the scope of applications for general imaging, vascular, women's imaging, and shared service applications.



Performance Enhancements

Covered under Living Technology

- Improved 3D Color image quality
- Optimized 3D/4D rendering algorithm
- Optimized HR Flow in abdomen, small parts, and peripheral blood vessels

Workflow Enhancements

Covered under Living Technology

- Smart Track - automated adjustment of PW sample line and volume
- iStation - archive review improvements

New Capabilities and Transducers

Purchasable Options

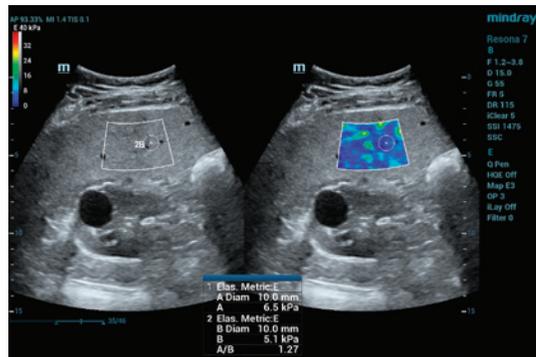
- Sound Touch Elastography (Shear wave elastography)
- UWN+ Contrast Enhanced Ultrasound (CEUS)
- Volume CEUS for 3D imaging
- Smart Face - one touch 3D fetal face optimization
- Smart Pelvis - 2D/3D automated GYN measurements
- Smart Planes - automated fetal head and heart plane acquisition
- Physio (ECG and PCG)
- New transducers for shared service and pediatric applications

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Resona 7 Sapphire Edition Features

Sound Touch Elastography

Sound Touch Elastography utilizes Mindray's exclusive Ultra Wide Beam Tracking technology to provide comprehensive quantification metrics and dynamic visual display of tissue stiffness for enhanced diagnostic confidence.



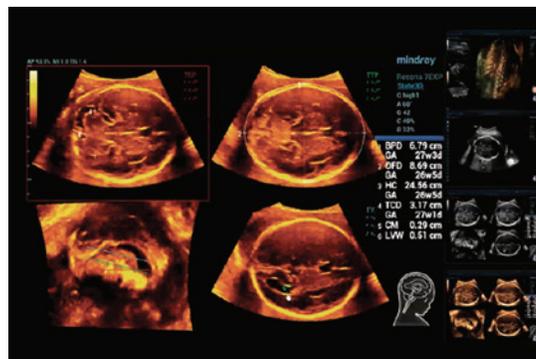
UWN+ Contrast Enhanced Ultrasound (CEUS)

Mindray's second generation UWN+ (Ultra-Wideband Non-Linear) CEUS imaging uses both harmonic and fundamental signals to improve contrast and temporal resolution during CEUS studies. Enabled by Zone Sonography Technology (ZST+), the system's Advanced Acoustic Acquisition allows for longer duration of perfusion in tissue and organ assessment.



Smart Planes CNS

Smart Planes provides a robust and user friendly solution to automatically detect planes and calculate frequently used measurements of the central nervous system (CNS) in fetal brain examinations.



Mindray North America Innovation Center

2100 Gold Street
San Jose, CA 95002

Tel: 800.288.2121 Support: 877.913.9663 www.mindray.com

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