

Resona I8

Ultrasound System



Ultrasound Simplified

Featuring innovative design elements and cutting-edge advanced technology, the Resona I8 Ultrasound System offers a robust scanning experience that allows sonographers to efficiently manage their workload with improved diagnostic confidence. Combining mobility with ergonomic usability, this system helps minimize user fatigue and maximize efficiency for a variety of clinical settings.

Powered by revolutionary ZONE Sonography® Technology, the Resona I8 Platform is a powerful and portable solution for general imaging, vascular, shared service, and women’s health. Based on a profound understanding of diverse clinical scenarios, it offers a comprehensive suite of advanced diagnostic tools for precise analysis and reproducible results.

At Mindray, we prioritize the sonographer’s experience by thoughtfully designing our ultrasound systems to enhance ease-of-use. The Resona I8’s intuitive industrial and ergonomic design accelerates adoption, reduces the learning curve, and boosts user proficiency. The system also incorporates AI-based automated measurement tools and advanced image enhancement features to improve diagnostic accuracy, streamline workflow, and empower clinicians to deliver optimal patient care.

Thoughtful Design



Elevated transducer ports



13.3" HD intuitive touchscreen



Up to 2 hours of untethered scanning

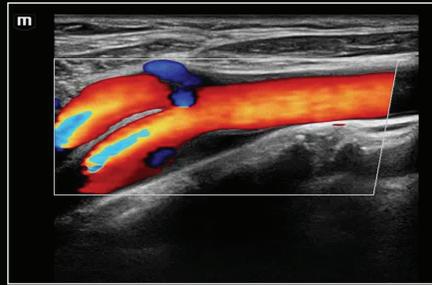


23.8" high-resolution LED monitor

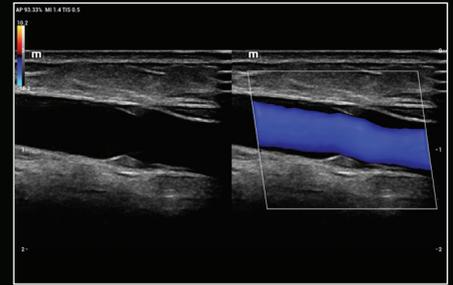
Clinical Gallery



Doppler and Glazing Flow of Posterior Tibial and Peroneal Vessels



Color Doppler and HR Flow of Carotid Bifurcation



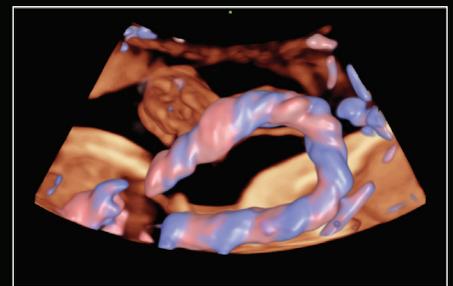
Color Doppler using Glazing Flow of Cephalic Vein



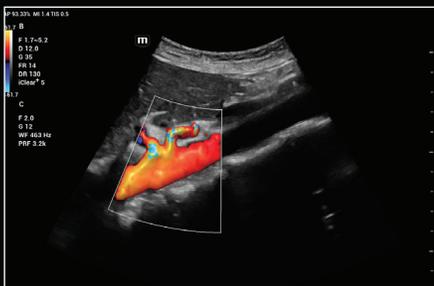
Volume Rendering of Intrauterine Device



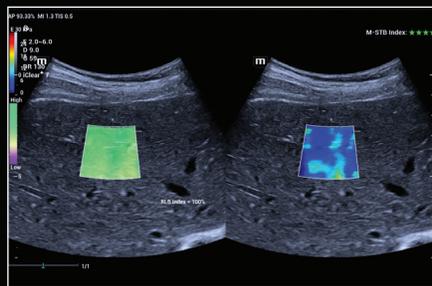
2D Endocavity Image of Uterus



Directional Power Doppler with Glazing Flow of Umbilical Cord



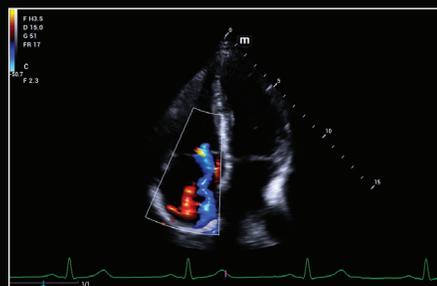
Color Doppler and Glazing Flow of Aorta, Celiac, and Superior Mesenteric Arteries



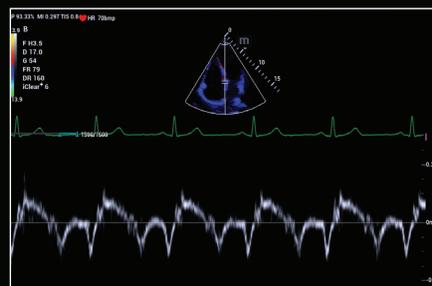
Sound Touch Elastography of Normal Liver



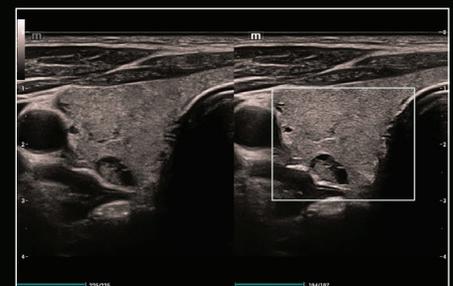
Color Doppler and Glazing Flow of Renal Artery and Vein



Color Doppler with Glazing Flow of Tricuspid Valve



Tissue Doppler Imaging of Myocardial Function



HD Scope of Complex Thyroid Lesion

Why Mindray

At Mindray, we believe everyone deserves access to quality healthcare. We've been advancing medical technologies for more than 30 years providing robust, best-in-class solutions that are focused on our customers and designed to address their biggest pain points. Mindray offers innovative, leading-edge, accessible ultrasound systems that empower you to provide the highest quality of care now and in the future. Experience peace of mind and see something better with Mindray ultrasound.



Mindray North America Headquarters in Mahwah, N.J.

Peace of Mind Protection

The 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 throughout their entire life cycle.

Standard warranty* includes:

Five years of coverage for:

- Main system and parts, and technical phone support Monday-Friday, 8 am–8 pm ET (excluding U.S. holidays)
- Standard transducers (normal wear and failure)
- Software performance updates with Living Technology

One year of coverage for:

- Specialty transducers including, but not limited to, TEE and 4D transducers

* 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.



Mindray North America

800 MacArthur Blvd., Mahwah, NJ 07430

Tel: 800.288.2121 Support: 877.913.9663 Fax: 800.926.4275 www.mindray.com

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healthcare within reach