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SSD 9000

**Precision
Redefined,
Trust Preserved**

Advanced Ultrasound System



SSD 9000

SSD 9000 is an advanced ultrasound system engineered for superior reliability, precision, and user comfort. With next-generation imaging capabilities and an intuitive interface, it delivers a seamless diagnostic experience across multiple specialties.

Designed for versatility, SSD 9000 supports both comprehensive evaluations and rapid triage, making it ideal for high-performance clinical environments. Its powerful imaging solutions cover a wide range of applications including:

- Obstetrics & Gynecology
- Abdominal Scans
- Musculoskeletal Assessment
- Breast Imaging
- Cardiology



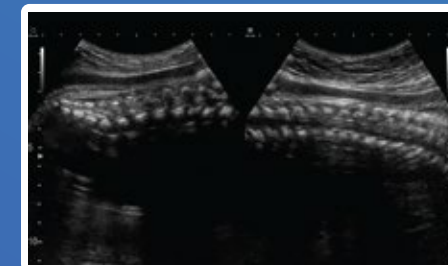
Unparalleled Image Clarity Through Innovation

Enhanced Imaging with Next-Generation Transducers

The SSD 9000 incorporates two advanced transducer technologies that offer superior image quality, greater diagnostic confidence, and versatility across clinical disciplines.

Single Crystal Transducers

Designed to improve crystal alignment and energy transmission efficiency, single crystal transducers deliver enhanced sensitivity and resolution for both near and far fields. These are ideal for abdominal, obstetric, transcranial and cardiac imaging.



SSD Advanced Adaptive Imaging Technology

SSD Advanced Adaptive Imaging Technology is able to display outlines of tissues more clearly by selectively emphasizing boundaries. It reduces speckle noise while maintaining the frame rate.

Composite Crystal Linear Transducers

An advanced evolution of conventional piezoelectric technology, composite crystal linear transducers provide broader acoustic bandwidth and lower impedance. They are optimized for high-resolution imaging in breast, thyroid, vascular and musculoskeletal diagnostics.



SSD Advanced Color Flow Technology

SSD Advanced Color Flow Technology enhances spatial resolution higher than the conventional blood flow display methods, while optimized filtering reduces blooming artifacts. The system clearly displays information on blood flow, from high speed flow in large vessels to low speed flow in fine peripheral vessels.

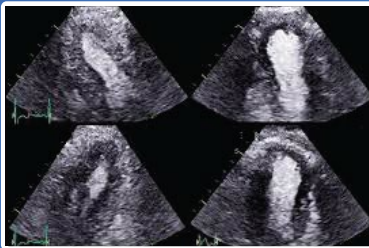
Wider Clinical Applications with Precision Imaging

The adoption of ultrasound systems has significantly expanded in recent years, with modern platforms now supporting a broad range of diagnostic applications. SSD 9000 is a next-generation ultrasound system equipped with an extensive suite of advanced features to support cardiovascular, OB/GYN, abdominal, small parts, and other specialty imaging.

Its comprehensive capabilities and user-friendly interface allow clinicians to perform diagnostic tasks with greater accuracy and efficiency.

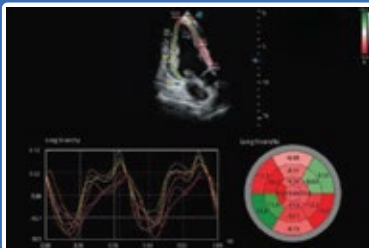
SSD Stress Echo

This feature offers a simplified and efficient workflow for clinicians to capture dynamic imaging sequences at rest and post-stress. The system supports professional-grade wall motion analysis with bull's-eye scoring and comprehensive reporting, enabling detailed assessment of cardiac muscle viability.



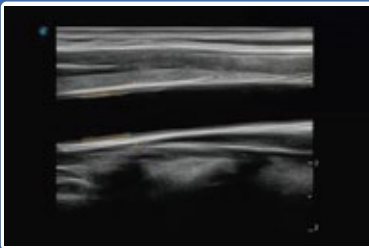
SSD Myocardium Quantitative Analysis (MQA)

MQA utilizes real-time, high-sensitivity wall motion tracking to deliver precise, quantitative assessments of myocardial function. It supports comprehensive regional and global evaluations, including measurements of velocity, displacement, strain, strain rate, and more, facilitating detailed cardiac analysis.



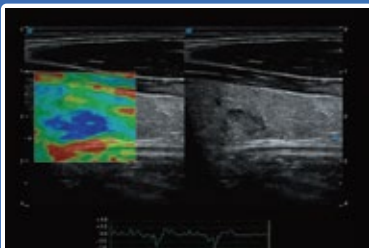
SSD Auto IMT

Auto IMT is an efficient tool for assessing cardiovascular risk by automatically measuring the intima-media thickness (IMT) of the common carotid artery. With a single click, both anterior and posterior walls are analyzed, helping to streamline workflow and enhance diagnostic accuracy.



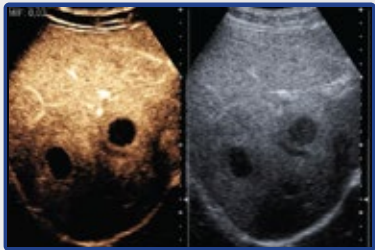
SSD xlasto Imaging

SSD-xlasto offers advanced, quantitative elastography for evaluating soft tissue stiffness. It enables quick strain ratio calculations and differentiates hard vs. soft anomalies. Backed by a wide range of compatible probes, this feature ensures consistent, reproducible results across various clinical settings.



SSD Contrast Imaging

Designed to visualize low-flow or otherwise hidden vascular structures, Contrast Imaging enhances signal reflection with minimal contrast agent dosage. This feature delivers high-resolution images while maintaining acoustic safety and control, ideal for detailed vascular and lesion characterization.

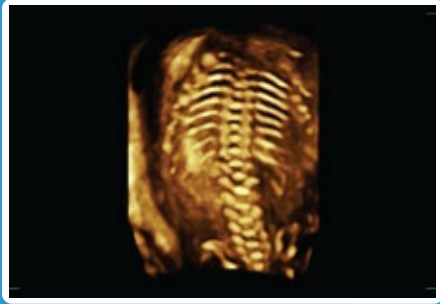
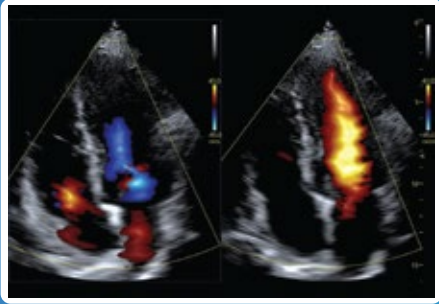
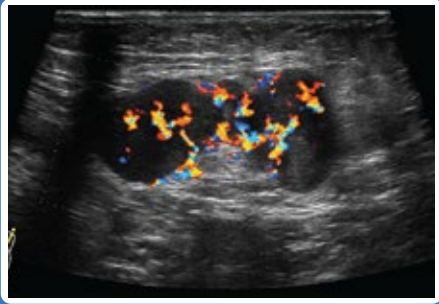
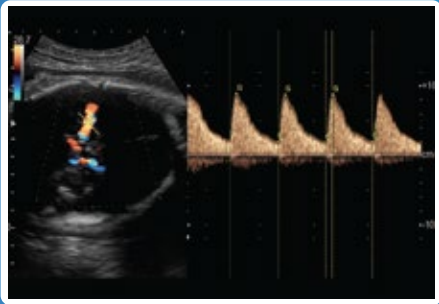
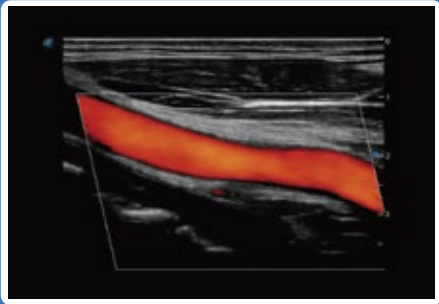
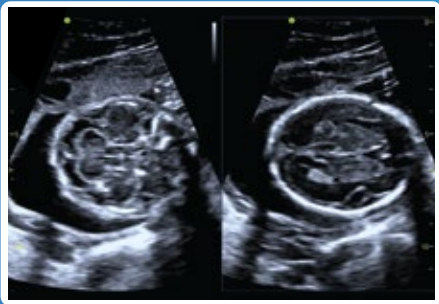
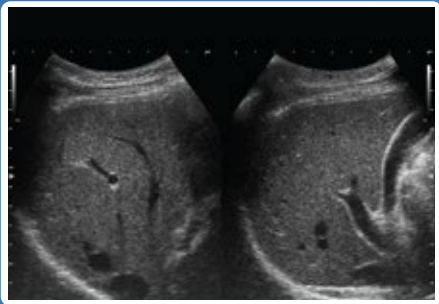


SSD-Live Silhouette

SSD-Live Silhouette simulates a virtual light source and shadowing to clearly outline internal anatomical structures such as organs, cavities, bones, and vessels. It aids in visualizing complex spatial relationships and supports the diagnosis of congenital abnormalities with greater confidence.



Image Gallery



Ergonomic Design



23.8-inch LED Monitor

The SSD 9000 offers an optional 23.8-inch LED display that delivers high contrast resolution and exceptional image clarity, supporting improved visualization and access to detailed diagnostic information.



Gel Warmer

The level-adjustable gel warmer keeps the ultrasound gel at a comfortable temperature, enhancing patient comfort during examinations.



Upto 5 Active Sockets

With its compact design and five active probe sockets, the SSD 9000 supports a wide range of clinical applications with enhanced efficiency and convenience.



13.3-inch Tilting Touch Screen

The high-sensitivity touch screen adapts seamlessly to user preferences, ensuring optimal visibility in any scanning environment.



Built-in Battery

Dual built-in battery options ensure uninterrupted scanning and greater convenience during transport.

Probes Portfolio

Convex



Micro-Convex



Endocavity



High-Frequency Linear



Low-Frequency Linear



Adult Cardiac



Pediatric Cardiac



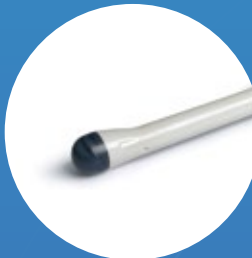
Neonatal Cardiac



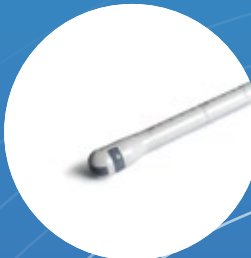
Volume Convex



Endocavity Volume



Endocavity Biplane



Efficiency.
Endurance.
Excellence.