

ECR 2018 in Vienna: Austria Center Vienna, Expo X5, Booth 509

At ECR 2018, Siemens Healthineers launches Acuson Juniper next-generation ultrasound system

- **System consistently delivers high-quality performance with expanded applications and enhanced ease of use**
- **Small footprint enables easy transfer and use across all clinical departments¹**

At the 2018 Annual Congress of the European Society of Radiology (ECR), Siemens Healthineers launches the Acuson Juniper, a new ultrasound system with advanced applications and imaging performance while featuring a lightweight, ergonomic design and complete maneuverability for use across a wide variety of clinical segments. Though small in size, the Acuson Juniper does not compromise in performance, offering providers a system that is not only powerful, but nimble in design.

Siemens Healthineers incorporated feedback from the 365 participants in its largest-ever ultrasound co-creation project to ensure that the Acuson Juniper meets the needs of today's changing healthcare landscape. The system's versatility and adaptability makes it ideal for diverse patient anatomies and physiologies. Users can customize the Acuson Juniper based on patient interactions for improved clinical workflow.

"As the healthcare industry evolves, providers need a nimble, versatile ultrasound system like the Acuson Juniper," says Robert Thompson, Head of Siemens Healthineers Ultrasound. "It is the latest example of how Siemens Healthineers evolves with healthcare trends by transforming care delivery as we improve the patient experience."

Where form meets function

The smallest, most lightweight system in its class, the Acuson Juniper adapts to virtually any exam environment and maneuvers easily with no tradeoffs in performance. Sleep and boot-up times of mere seconds allow clinical users to transfer the system within a hospital without sacrificing time with patients. Designed to address the needs of differing clinical departments, the system has flexible, intuitive, and customizable tilt settings. Five active transducer ports allow for the system's quick and easy readiness after transfer from department to department.

The Acuson Juniper's LED monitor and touch panel are the largest in its segment.¹ The system's two standard USB ports enable quick transfer of images to patients, eliminating the need for print-out documentation. Further improving the patient experience, the Acuson Juniper is 40 percent quieter than other ultrasound systems in its class. Additionally, a protective sheet is available for the system's key pad, to facilitate the reading and use of the controls while in a sterile environment such as the operating room. This protective skin can be disinfected for reuse.

Small on the outside, big on the inside

With an imaging performance that belies its small size, the Acuson Juniper is powered by a completely new imaging platform that was designed from the ground up with user needs in mind. Its new front-end engine offers exceptional system sensitivity and specificity as well as high dynamic range for improved tissue differentiation. A new signal processor reduces probe and patient motion artifacts, and enables fast image acquisition. A new back-end engine allows advanced elastography imaging and has a new measurement package. For use across departments, the Acuson Juniper is equipped with 16 transducers and is customizable with advanced imaging applications for use in radiology and interventional radiology, urology, cardiovascular, orthopedic, and obstetrics/gynecological imaging.

¹ Data on file

This press release and press pictures are available at www.healthcare.siemens.com/press-room/press-releases/pr-20180301007hc.html.

Visit the Siemens Healthineers website to learn more about the [Acuson Juniper](#).

For further information on ECR 2018, please see www.healthcare.siemens.com/press-room/press-features/pf-ecr2018.html.

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