



PHILIPS

Ultrasound

Sparq

A new way of **thinking**

Philips Sparq emergency medicine ultrasound system

Sparq

easy to experience

Breakthrough technology should not make your life more complex. Quite the opposite. It should remove the complexities that create barriers to doing what matters most: providing the best care possible for your patients.





With Sparq, nothing gets in the way of achieving a healthy balance of streamlined workflow and clinical excellence.

Sparq delivers. By providing a new ultrasound experience, Sparq makes scanning and interpreting quality ultrasound images at the point-of-care as simple as possible, giving you more time to focus on your patients. Sparq's unique user interface, intelligent automation, and outstanding image quality combine to make the system easy to learn and easy to use.



Simplicity Mode – ON



Simplicity Mode – OFF

A uniquely simplified ultrasound system

The Simplicity Mode on the Sparq system presents only the ultrasound functions that you use most often. The Intuitive Dynamic Interface adjusts as you interact with the control panel. The AutoSCAN feature automatically identifies tissue types and continuously adjusts image gain.

The Exam Dashboard seamlessly walks you through the steps needed to begin an exam. The Temporary ID feature assigns a unique, temporary number to each unidentified patient, allowing you to immediately start scanning.

SmartExam provides on-screen guided workflow for fully customizable exam protocols while automating system functions, and thus increasing consistency.

When the exam is complete, comprehensive tools aid analysis and reporting. Wireless DICOM networking capabilities make it easy to share and archive images and reports.

Easy procedure guidance

The L12-4 and C6-2 transducers have a centerline mark that corresponds to the centerline on the image to make it easy to conduct out-of-plane procedures.

Sparq features needle visualization, a technology that enhances the presentation of the needle without degrading the image, facilitating quick needle guidance to the anatomical target.

Remote reporting – Telexy Qpath

Sparq's Remote Reporting* feature provides clinicians remote access to the Telexy Qpath** POCUS workflow solution. This feature allows clinicians to interact with the ultrasound images and Qpath worksheets directly from Sparq. The ability to complete and approve ultrasound exam reports at the point-of-care uniquely enhances work flow in the emergency department.

The gold standard for security

Philips recognizes the importance of securing your ultrasound system and protecting your patient data. The security feature on Sparq is a defense-in-depth strategy that comprises five layers: firewall, operating system hardening, malware protection, access controls, and patient data encryption. Each of these layers plays an important role in helping you thwart hackers, defend against malware, and prevent unauthorized access.

* Remote Reporting is only available with Telexy Qpath and is trademarked as Qview.

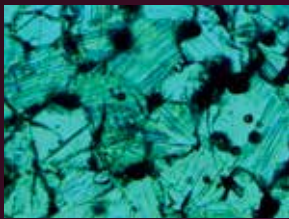
** Qpath is a trademark of Telexy Healthcare Inc.

Increased confidence for **emergency medicine** ultrasound

The power of Philips imaging for technically difficult patients

Sparq includes Philips proven imaging technologies designed to provide outstanding image quality: SonoCT significantly reduces many of the artifacts that are inherent in conventional ultrasound and XRES creates images virtually free from noise.

The exceptional performance of PureWave transducer technology results in improved diagnostic confidence, especially on technically difficult patients. PureWave transducer technology is now available on two Sparq transducers, the C5-1 and the X7-2t.



Conventional (x800)



PureWave (x800)

PureWave crystals have virtually perfect uniformity for greater bandwidth and twice the efficiency of conventional ceramic materials. The result is excellent imaging and Doppler performance.



Designed for **your environment**



Easy clip, our innovative cable management solution, keeps cables tangle-free and reduces damage while decreasing cable strain.

Sparq revolutionizes the user experience at the point-of-care

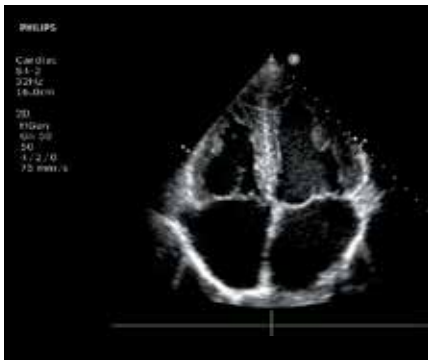


Sparq's ergonomic design and small footprint make it easy to position even in the most constrained clinical environments. For scanning comfort, the clinician can independently adjust the height of the system as well as the height of the monitor. To facilitate easy viewing, the large 17-inch monitor with automatic ambient light compensation is on an articulating arm.

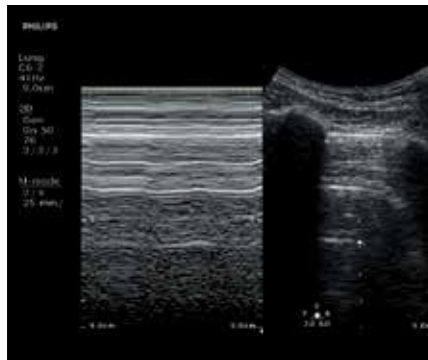
The sealed, tempered glass control panel facilitates easy cleaning and disinfecting.

Sparq features a long battery life that provides mobility and access at the bedside. The Sleep Mode lets you save battery power and provides "instant on" when you need it.

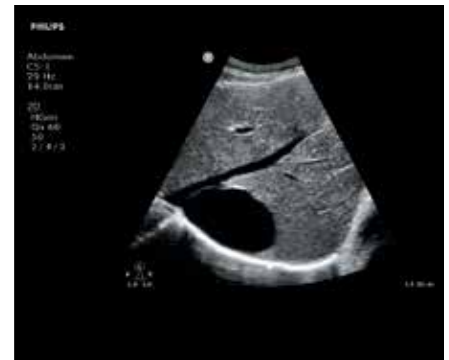
Philips **exceptional** image quality



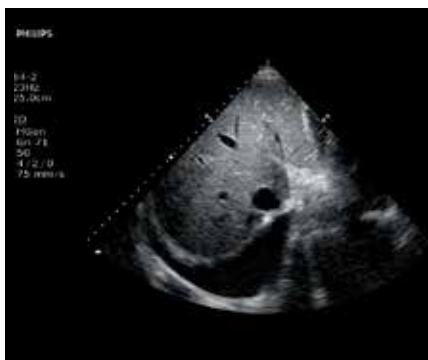
Apical four-chamber



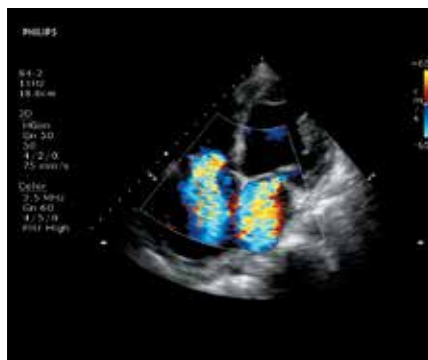
M-mode and 2D side-by-side



RUQ of the abdomen



RUQ - fluid noted posterior to the liver



Apical four-chamber



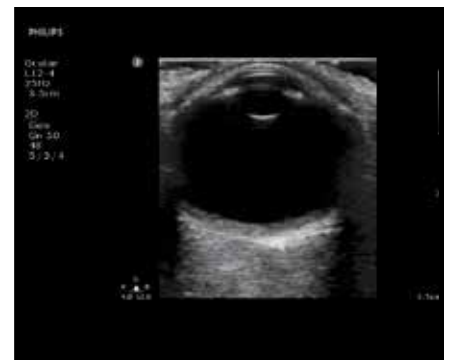
IJ and carotid



Gallstones



Vessels in the wrist



Ocular globe

A wide range of transducers and clinical applications



Sparq clinical applications for emergency medicine ultrasound

- FAST
- Cardiac and TEE
- Vascular access
- Lung
- Pelvic (including OB)
- Abdomen
- Ocular
- Musculoskeletal
- Superficial
- Nerve
- Spine
- Vascular (venous and arterial)
- TCD



Sparq's family of transducers includes the C5-1 PureWave, C6-2, S4-2, L12-4, L15-7io, C9-4v, and X7-2t PureWave

Count on us as your patients count on you

The value of a Philips ultrasound system extends far beyond technology. With every Sparq system, you get access to our award-winning service organization,* competitive financing, and educational tools that help you get the most out of your system.**

Always there, always on

We work as one with your team to keep your Sparq system running smoothly.

On-cart transducer test provides confidence in your transducer quality

On-cart transducer test provides a non-phantom method to test Sparq transducers at any time, giving you confidence in your diagnostic information.

Remote service capabilities maximize efficiency

Easy, rapid technical and clinical support through remote desktop enables a virtual visit with a Philips expert.

Proactive monitoring solutions maximize uptime

Philips proactive monitoring increases system availability by predicting potential system disruptions and proactively acting on them, letting you focus on what is most important – your patients.

Immediate support request at your fingertips

The support request button allows you to enter a request directly from the control panel, for a fast and convenient communication mechanism with Philips experts without leaving your patient, minimizing workflow interruption.



Sharing risk, increasing the return on your investment

Partner with us to maximize utilization and uptime of your Sparq system.

Utilization reports

Data intelligence tools can help you make informed decisions to improve workflow, deliver quality patient care, and decrease the total cost of ownership. This ultrasound utilization tool provides individual transducer usage and the ability to sort by exam type.

Understanding your needs, designed for you

Our flexible RightFit service agreements, education offerings, and innovative financing solutions can be adapted to meet your needs and strategic priorities.

* Philips is rated number one in overall service performance for ultrasound for 23 consecutive years in the annual IMV ServiceTrak survey in the USA.

** Optional. Not all services available in all geographies; contact your Philips representative for more information. May require service contract.



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