



SIEMENS

Make critical-care decisions with fast, accurate results.

RAPIDPoint and RAPIDLab Blood Gas Systems deliver comprehensive
test results for better patient care.

[siemens.com/bloodgas](https://www.siemens.com/bloodgas)

Our trusted blood gas solutions support critical decision making when time is of the essence.

Siemens Healthcare Diagnostics' RAPIDPoint® and RAPIDLab® Blood Gas Systems facilitate timely clinical decisions by generating accurate results the instant they are needed. Offering comprehensive menu sets for the flexibility to be all-inclusive or as specific as the testing environment demands, performance-proven analyzers in the RAPIDSystems™ portfolio ensure institutionwide blood gas testing efficiency coupled with excellent clinical value.

Our blood gas systems accommodate scaling test demand in diverse environments from the patient bedside to the main laboratory—and our RAPIDComm® Data Management System centralizes management of your entire blood gas testing program with efficient oversight and control.

Partner with Siemens for blood gas testing solutions, and we will help you achieve higher levels of workflow that maximize operational performance, and the clinical excellence that supports personalized patient-treatment decisions.

RAPIDPoint 500 Blood Gas System

Lab-quality performance from an easy-to-use analyzer designed for the point of care.

Flexible accommodation of blood and pleural fluid* samples.



Full-menu results in approximately

60
SECONDS

RAPIDLab 1200 Blood Gas Systems

Meet increasing throughput needs in blood gas testing.

Cost-effective accommodation of high testing volumes in the lab and at the point of care.



Full-menu results in approximately

60
SECONDS



The RAPIDPoint 500 system's maintenance-free cartridge technology helps clinicians spend more time on patient care.

Mid Volume

Maintenance-free operation, intelligent quality management, and efficient clot management ensure maximized system reliability and uptime.



Analyte measurement of blood and FDA-approved pleural fluid pH testing provide accurate information to help clinical decision making.

Blood
and
Pleural
Fluids



RAPIDLab 1200 systems maximize sample throughput without increasing operator workload.

High Volume

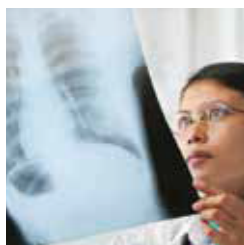
Proven Ready Sensor® electrode technology assures measurement accuracy with reliable, long-life stability.



Automatic microsample mode is ideal for neonatal applications, with precise results for whole blood available from as little as

35 μ L

RAPIDSystems instruments generate consistent results



Pleural fluid pH measurement provides important information for the diagnosis of exudative pleural effusions. The RAPIDPoint 500 Blood Gas System is an FDA-approved point-of-care system for pleural fluid* pH testing.

	Comprehensive Test Menus	Flexible Analytical Modes and Volumes	Accommodation of Additional Sample Types	Convenient, Easy Testing	Safeguards for Operators and Samples
RAPIDPoint 500 Blood Gas System	<ul style="list-style-type: none"> – Blood Gas: pH, pO₂, pCO₂ – Electrolytes: Na⁺, K⁺, Ca⁺⁺, Cl⁻ – Metabolites: Glucose, Lactate – CO-oximetry: nBili, tHb, sO₂, O₂Hb, HHb, COHb, MetHb 	<ul style="list-style-type: none"> – Capillary: 100 µL – Syringe: 200 µL 	<ul style="list-style-type: none"> – Pleural Fluid: pH 	Generate results in three steps: scan the patient bar-code ID, insert the capillary or syringe, and press START.	Biosafe sampling, automated sample aspiration, and integrated clot detection/clearance.
RAPIDLab 1200 Blood Gas Systems	<ul style="list-style-type: none"> – Blood Gas: pH, pO₂, pCO₂ – Electrolytes: Na⁺, K⁺, Ca⁺⁺, Cl⁻ – Metabolites: Glucose, Lactate – CO-oximetry: nBili, tHb, sO₂, O₂Hb, HHb, COHb, MetHb 	<ul style="list-style-type: none"> – Capillary: 35–95 µL (pH only) – Capillary: 90–175 µL (full menu) – Syringe: 1 mL 	NA	Customize pre-set touchscreen panels to display the most frequently used tests.	Biosafe sampling, automated sample aspiration, and integrated clot detection/clearance.

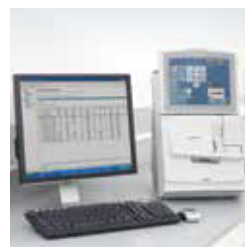


Intuitive interfaces on RAPIDSystems instruments allow testing to begin at the touch of an icon.

– wherever and whenever you need them.



Proven cartridge-based technology with automated QC and calibration maximizes system uptime and minimizes operator intervention.



Integration with the RAPIDComm Data Management System facilitates real-time delivery of on-demand results, remote QC, and networked system compliance management.

Maximum System Uptime	Effortless QC and Calibration	Error-free Data Capture	Convenient Onboard Storage	Versatile Connectivity Interfaces	POC Ecosystem™ Solution
28-day, maintenance-free cartridge operation with no operator intervention.	Automatic Quality Control (AQC) cartridge verifies system performance over the 28-day lifecycle.	Integrated bar-code reader eliminates reporting errors.	Store results from 250 patient tests and 250 QC samples.	<ul style="list-style-type: none"> – 3 USB ports – RS232 port – 100Base-T Ethernet port – Wireless communication via Ethernet bridge 	<ul style="list-style-type: none"> – Configure, control, monitor, and troubleshoot multiple RAPIDPoint and RAPIDLab Blood Gas Systems throughout your institution. – Standardize test protocols, authorize and certify operators, and enforce QC checks. – Connect to PEP† Administrator to streamline oversight and coordination of the learning programs and proficiency achievements of individual operators. – Satisfy compliance and accreditation requirements for your testing program. – Remotely manage your inventory and consumables. – View and control blood gas analyzers on your tablet device or smartphone.
30-day, maintenance-free cartridge operation with no operator intervention.	Automatic Quality Control (AQC) cartridge verifies system performance over the 28-day lifecycle.	Bar-code reader option eliminates reporting errors.	Store results from 5000 patient tests and QC samples.	<ul style="list-style-type: none"> – 3 USB ports – RS232 port – RJ-45 10/100Base-T Ethernet port 	

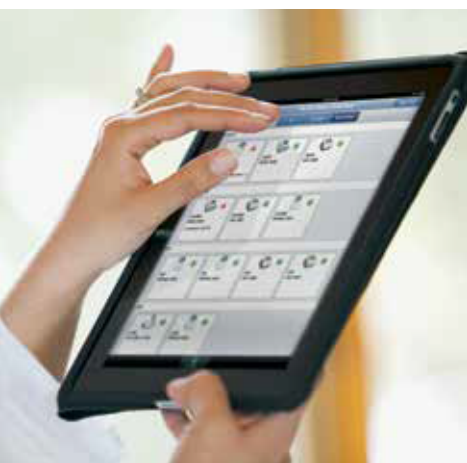
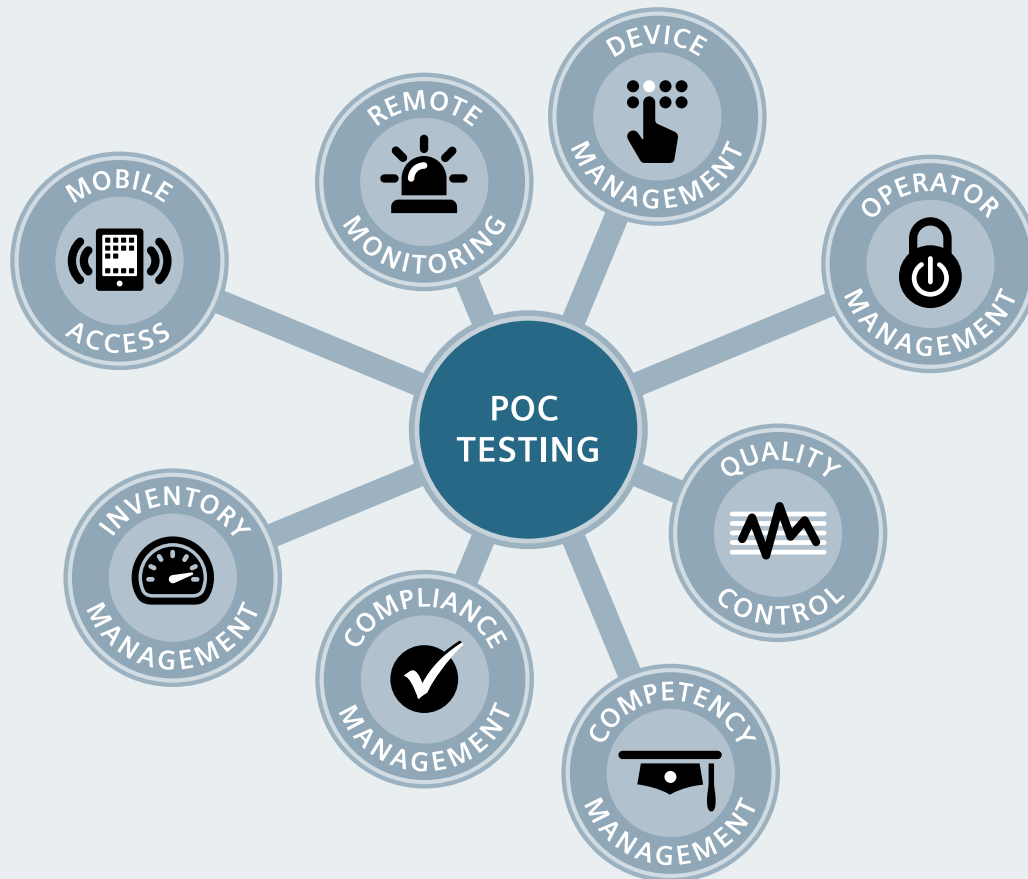


Preserve data integrity with bar-code reader to ensure accurate and secure capture of patient and operator ID.

*Product availability varies by country.

†PEP patent pending. Siemens' Personalized Education Plan (PEP) provides web-based education and training designed to increase the knowledge, skills, productivity, and competency of testing staff.

Create an institutionwide POC Ecosystem Solution that puts you in complete control of your blood gas testing.



On-demand blood gas testing across a multitude of point-of-care and hospital lab settings is increasingly becoming the standard, but its management presents many challenges.

How do POC coordinators ensure 24/7 availability, accuracy, and quality control of decentralized instruments? How can they easily manage inventory and compliance adherence, along with training, certification, and access safeguards for hundreds of operators?

Siemens overcomes these obstacles with the RAPIDComm Data Management System, which enables institutionwide blood gas testing oversight from a central location or, when you are on the move, from a handheld device. A single, customizable interface gives easy access to key functionality that supports a healthy blood gas testing environment—a foundation for maximized productivity, streamlined patient workflow, ensured compliance, and reduced costs, however far away your blood gas data originates.

Building on 50 years of innovation to meet your testing challenges today and in the future.



The RAPIDSystems portfolio from Siemens is founded on over a half-century of development expertise and technology innovation in patient-centric blood gas testing. Our instruments are trusted by leading hospitals around the world to deliver the breadth of menu, fast-turnaround accuracy, simplicity of use, end-to-end results concordance, and connectivity required to facilitate integrated testing across a multitude of care settings.

Siemens remains dedicated to advancing the future of blood gas analysis. We are investing in the products and people to help achieve our vision—to shape and transform the practice of diagnostic medicine—with innovative blood gas solutions you can depend on, today and in years to come.



50 YEARS
Blood Gas
Innovation

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

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Global Siemens Headquarters

Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Global Siemens Healthcare Headquarters

Siemens AG, Healthcare
Henkestrasse 127
91052 Erlangen
Germany
Telephone: +49 9131 84-0
www.siemens.com/healthcare

Global Division

Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5005
USA
www.siemens.com/diagnostics

siemens.com/healthcare

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