Customized. Connected.
Complete.

The Siemens Healthineers critical-care portfolio delivers solutions that transform care delivery by offering the right test in the right setting at the right time.

usa.siemens.com/bloodgas

SIEMENS
Healthineers

Customize without Compromise

You need lab-quality testing solutions in every care setting. From nimble handheld to robust central lab solutions, our portfolio enables increased efficiency and shorter time to diagnosis. Open, connected solutions let clinicians access shared data when and where it is needed to speed clinical decisions.

Decrease the time to diagnosis and intervention with a comprehensive menu of tests that fit your workflow. Reduce resources, control costs, and improve financial performance with cartridge-based technology on both handheld and benchtop systems. Order fewer retests and have more confidence in results with a customized configuration of analyzers whose results correlate, no matter where the testing takes place.

Build a testing environment enabled by our POC Ecosystem™ Solution that reduces the complexity and improves the efficiency of your operations. Our open data-management solution allows you to easily connect more than 160 POC devices from more than 40 manufacturers to your hospital information system, providing a flexible, long-term solution.

epoc® Blood Analysis System

Handheld wireless solution that provides blood gas, electrolyte, and metabolite results at the patient's side.
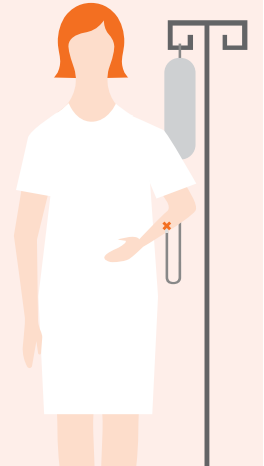
Full-menu results in less than

60
SECONDS

The epoc Host[2] Mobile Computer allows you to customize reference and critical ranges. The epoc Reader auto-calibrates The Test Card prior to sample introduction and communicates bidirectionally with the epoc Host[2] computer.

Test card includes a full panel of assays, including creatinine, so clinicians can readily assess patient kidney function prior to imaging procedures.

13 critical tests on a single card

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

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

Analyte measurement in blood and pleural fluid pH testing provide accurate information required for clinical decision making.

Blood and pleural fluid

RAPIDLab® 1200 Blood Gas Systems

Analyzers that meet increasing throughput needs for blood gas testing.

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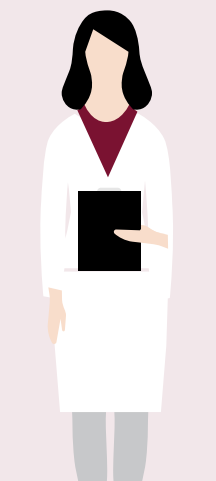
Full-menu results in approximately

60
SECONDS

Proven Ready Sensor® electrode technology ensures 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

35µL of sample

Customized. Connected. Complete.

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

Rechargeable battery and comprehensive menu of 13 analytes on one Test Card provide fully portable operation.

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

	Comprehensive Test Menus	Flexible Analytical Modes and Volumes	Accommodation of Additional Sample Types	Convenient, Easy Testing	Safeguards for Operators and Samples	Maximum System Uptime	Effortless QC and Calibration	Error-free Data Capture	Convenient Onboard Storage	Versatile Connectivity Interfaces	POC Ecosystem Solution
epoc Blood Analysis System	– Blood Gas: pH, pCO_2, pO_2, TCO_2 – Electrolytes: Na+, K+, Ca++, Cl-, Hct – Metabolites: Glucose, Lactate, Creatinine, BUN	Capillary: 90 µL Syringe: 92 µL Fresh whole blood from arterial, venous, or capillary sources, introduced to the card using a syringe or epoc Care-Fill™ Capillary Tube.	NA	The epoc Reader and Host[2] computer are two separate devices that communicate bidirectionally via BLUETOOTH and provide a handheld wireless solution used for testing blood gases, electrolytes, and metabolites in less than 1 minute.	This self-contained system offers no exposure to waste once a sample is injected onto the Test Card.	Minimal maintenance required.	Automatic calibration takes place prior to every patient sample.	Accurate results are transmitted immediately into the laboratory information system (LIS)/hospital information system (HIS).	Test Cards do not require refrigeration and are stored at room temperature until their bar-coded date of expiration. Test Cards can be stored where most convenient for the patient care process.	Wireless, real-time reporting of critical results direct to the LIS/HIS.	– Configure, control, monitor, and troubleshoot Siemens Healthineers blood gas portfolio throughout your institution. – Standardize test protocols, authorize and certify operators, and enforce QC checks. – Use PEPConnect* to streamline learning programs and achievement of proficiency. – Satisfy compliance and accreditation requirements for your testing program. – Remotely manage your inventory and consumables.
RAPIDPoint 500 Blood Gas System	– Blood Gas: pH, pO_2, pCO_2 – Electrolytes:Na+,K+,Ca++,Cl- – Metabolites: Glucose, Lactate – CO-oximetry: nBili, tHb, sO_2, O_2Hb, HHb, COHb, MetHb	– Capillary: 100 µL – Syringe: 200 µL	– 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.	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.	– 3 USB ports – RS232 port – 100BASE-T Ethernet port – Wireless communication via Ethernet bridge	
RAPIDLab 1200 Blood Gas System	– Blood Gas: pH, pO_2, pCO_2 – Electrolytes:Na+,K+,Ca++,Cl- – Metabolites: Glucose, Lactate – CO-oximetry: nBili, tHb, sO_2, O_2Hb, HHb, COHb, MetHb	– Capillary: 35–95 µL (pH only) – Capillary: 90–175 µL (full menu) – Syringe: 1 mL	NA	Customize touchscreen panels to display the most frequently used tests.	Biosafe sampling, automated sample aspiration, and integrated clot detection/clearance.	Maintenance-free cartridge operation with no operator intervention for reagent cartridge.	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.	– 3 USB ports – RS232 port – RJ45 10/100BASE-T Ethernet port	

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

Bar-code reader preserves data integrity to ensure accurate and secure capture of patient and operator ID.

Integration with Siemens Healthineers POC Informatics Solutions offers more than 160 device interfaces, real-time delivery of results, remote QC, and system compliance and management.

*PEPconnect, Siemens Healthineers Personalized Education Plan (PEP), provides web-based education and training designed to increase the knowledge, skills, productivity, and competency of testing staff.

Point of Care
Ecosystem™
Enabled

Establish and maintain a healthy POC Ecosystem environment with Siemens Healthineers POC Informatics Solutions. Deliver optimal patient care, ensure compliance, and maximize efficiency, regardless of where testing takes place.

With the POCcelerator™ Data Management System and the RAPIDComm® Data Management System, you can:

- Address testing challenges head-on with centralized management of your POC program through customizable interfaces and vender-neutral connectivity with more than 160 POC devices.
- Implement a standardized, robust, and scalable connectivity solution to network and monitor your POC devices, no matter where they are located.
- Maximize efficiency, improve clinical workflows, satisfy compliance requirements, and reduce costs.
- Reduce server real estate and manpower.
- Set up multiple connections wherever POC testing is performed.
- Configure where results are delivered.

- Remotely monitor all systems to investigate and resolve issues promptly.
- Standardize quality-control testing, result review, data management, inventory management, and reporting of activities for your POC devices.
- Implement a web-based learning-management system to efficiently manage staff training, assessment, and recertification.

> **Ask your sales representative today about implementing the best solution to fit your needs.**