Critical Care Portfolio

Customized. Connected. Complete.

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

siemens-healthineers.com/blood-gas

SIEMENS Healthineers

Customize without Compromise

Improve access to care by customizing without compromise.

You need comprehensive critical care testing solutions in every care setting. From 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 for fast clinical decision making, and more efficiently manage your resources.

Decrease the time to diagnosis and intervention with a comprehensive menu of tests that fit your workflow. More efficiently manage resources, control costs, and improve financial performance. 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.

1 minute to result from the entire portfolio

Increase workforce productivity with simple operation.

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 systems allow you to easily connect more than 170 POC devices from more than 40 manufacturers to your hospital information system, providing a flexible, long-term solution.

Choose the POC testing devices that work best for your organization, regardless of the manufacturer. Easily, securely, and robustly connect POC testing devices to your existing IT infrastructure. Discover the power of an open POC Ecosystem with point-of-care informatics solutions

that can simplify your POC testing workflows and dramatically reduce workload for your staff. Electronically send test results from all connected POC testing devices directly to electronic patient records. Centrally manage all POC testing devices, patient results, operators, reagents, and quality control materials.

epoc® Blood Analysis System

Improve workflow and enhance clinical decision making with handheld testing of 13 critical parameters and fast, wireless transmission of patient-side results.

RAPIDPoint® 500e Blood Gas System

Comprehensive, cartridge-based testing with heightened operational simplicity and system security. Integri-sense™ technology enables confidence in every patient result. Sampling procedure is hands-free and standardized for both syringes and capillaries. Sample types include dialysate* and pleural fluid pH applications.

RAPIDPoint® 500 Blood Gas System

Enhance clinical decision making with a comprehensive menu, including pleural fluid pH and a dialysate application,* and results that correlate across POC and central lab systems. Improve workflow with standardized sampling and operation for either syringes or capillaries. Increase uptime with automatic QC, clot management, and maintenance-free, cartridge-based technology.

RAPIDLab® 348EX Blood Gas System†

Improve workflow with accurate patient results for most critical care parameters in seconds, with a system that requires minimal maintenance. Improve the patient experience with a very small sample size (only 50 μL). Enhance clinical decision making with fast, accurate critical results.

RAPIDLab® 1200 Blood Gas Systems

Enhance clinical decision making by generating fast, trusted results for critical analytes. Increase testing efficiency both in the central lab and at the point of care. Deliver results for all parameters quickly and accurately to enhance clinical decision making, so treatment can begin without delay.

Optimize clinical operations with confidence in patient results across the blood gas portfolio.

Deliver results that matter to patients with fast time to result and small sample sizes.

**Feature not available for sale in the U.S.*
†Not available for sale in the U.S.
Product availability varies by country.

Customized. Connected. Complete.

Pleural fluid pH measurement on the RAPIDPoint 500e Blood Gas System provides important information for the diagnosis of exudative pleural effusions.

	Test Menus	Minimum Sample Volume	Sample Types	Maximum System Uptime
epoc Blood Analysis System	– Blood Gas: pH, pCO_2, pO_2, TCO_2 – Electrolytes: Na^+, K^+, Ca^{++}, Cl^- – Metabolites: Glucose, Lactate, Creatinine, BUN – Hct	– Syringe: 92 µL – Capillary: 90 µL	Fresh whole blood from arterial, venous, or capillary sources.	No maintenance required.
RAPIDPoint 500e Blood Gas System	– Blood Gas: pH, pO_2, pCO_2 – Electrolytes: Na^+, K^+, Ca^{++}, Cl^- – Metabolites: Glucose, Lactate – CO-oximetry: tHb, O_2Hb, COHb, MetHb, HHb, sO_2, nBili	– Syringe: 100 µL – Capillary: 100 µL	Fresh heparinized whole blood from arterial, venous, mixed venous, and capillary sources. – Pleural Fluid: pH – Dialysate Fluid‡	Maintenance-free cartridge operation with no operator intervention.
RAPIDPoint 500 Blood Gas System	– Blood Gas: pH, pO_2, pCO_2 – Electrolytes: Na^+, K^+, Ca^{++}, Cl^- – Metabolites: Glucose, Lactate – CO-oximetry: tHb, O_2Hb, COHb, MetHb, HHb, sO_2, nBili	– Syringe: 100 µL – Capillary: 100 µL	Fresh heparinized whole blood from arterial, venous, mixed venous, and capillary sources. – Pleural Fluid: pH – Dialysate Fluid‡	Maintenance-free cartridge operation with no operator intervention.
RAPIDLab 348EX Blood Gas System†	– Blood Gas: pH, pO_2, pCO_2 – Electrolytes: Na^+, K^+, Ca^{++} or Cl^- – Hct	– Syringe: 95 µL – Capillary: 95 µL – Microsample: 50 µL	Fresh heparinized whole blood from arterial, venous, mixed venous, and capillary sources. – Dialysate Fluid‡	Minimal maintenance with very limited operator intervention.
RAPIDLab 1200 Blood Gas System	– Blood Gas: pH, pO_2, pCO_2 – Electrolytes: Na^+, K^+, Ca^{++}, Cl^- – Metabolites: Glucose, Lactate – CO-oximetry: tHb, O_2Hb, COHb, MetHb, HHb, sO_2, nBili	– Syringe: minimum 100 µL – Capillary: minimum 35 µL	Fresh heparinized whole blood from arterial, venous, mixed venous, and capillary sources.	Maintenance-free cartridge operation with no operator intervention and minimal-maintenance Ready Sensor® electrodes.

†Not available for sale in the U.S. Product availability varies by country.
‡Feature not available for sale in the U.S.

The epoc system's integrated 2-D barcode scanner and positive patient identification may improve accuracy in confirming patient identification and staff compliance.

epoc system Test Cards 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.

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

Effortless QC and Calibration	Onboard Storage	Versatile Connectivity Interfaces	
Automatic calibration takes place prior to every patient sample.	Store 2499 results between patient and QC records.	Accurate results are transmitted wirelessly into the laboratory information system (LIS)/ hospital information system (HIS).	**epoc Blood Analysis System**
Automatic QC (AQC) cartridge along with automatic calibration cycles verifies system performance over the 28-day use life.	Store results from 250 patient tests, 250 QC samples, and 250 calibrations.	Bidirectional communication allows download of patient and QC results, operator lists, and patient demographic information as well as remote access to the analyzer.	**RAPIDPoint 500e Blood Gas System**
Automatic QC (AQC) cartridge along with automatic calibration cycles verifies system performance over the 28-day use life.	Store results from 250 patient tests, 250 QC samples, and 250 calibrations.	Bidirectional communication allows download of patient and QC results, operator lists, and patient demographic information as well as remote access to the analyzer.	**RAPIDPoint 500 Blood Gas System**
Automatic fixed or flexible calibration times with onboard QC data storage.	Store up to 250 patient records and 90 QC results per level.	Accurate results are transmitted automatically into the laboratory information system (LIS)/ hospital information system (HIS).	**RAPIDLab 348EX Blood Gas System†**
Automatic QC (AQC) cartridge along with automatic calibration cycles verifies system performance over the 28-day use life.	Store results from 2499 patient tests and QC samples.	Bidirectional communication allows download of patient and QC results, operator lists, and patient demographic information as well as remote access to the analyzer.	**RAPIDLab 1200 Blood Gas System**

Intuitive touchscreen on RAPIDSystems instruments allows testing to begin at the touch of an icon.

Biosafe sampling on RAPIDSystems instruments provides safeguards for operators.

Maintain Complete Control of Your Blood Gas Testing across the Continuum of Care

Establish and maintain a blood gas testing environment enabled by our POC Ecosystem Solution that reduces the complexity and improves the efficiency of your operations.

- Address testing challenges head-on with centralized management of your POC program through customizable interfaces and vendor-neutral connectivity.
- Implement a standardized, robust, and scalable connectivity solution to network and monitor your critical care devices, no matter where they are located.
- Maximize efficiency, improve clinical workflows, satisfy compliance requirements, and reduce costs.
- Configure where results are delivered.
- Remotely monitor all your blood gas analyzers to maximize uptime and effectively manage your critical care patients.
- Standardize quality control testing, result review, data management, inventory management, and reporting of activities for your POC devices.

Labor and Delivery

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System

Operating Room

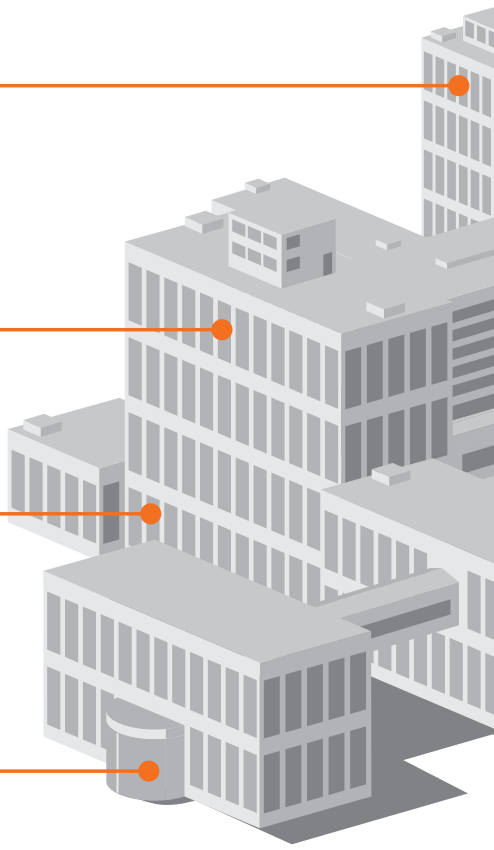
epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System

Central Lab

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System
RAPIDLab 348EX Blood Gas System

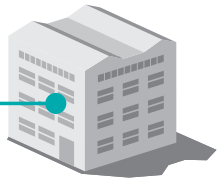
Emergency

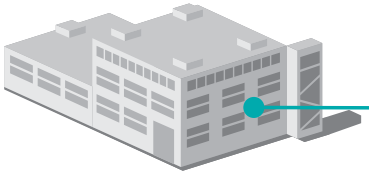
epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System



Urgent Care

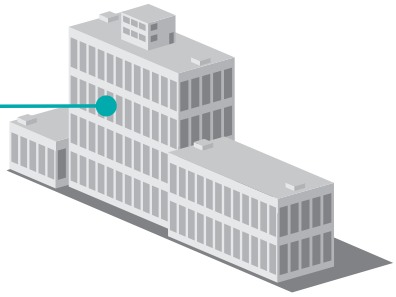
epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System





Cardiac Clinic

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System



Stand-alone Lab

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
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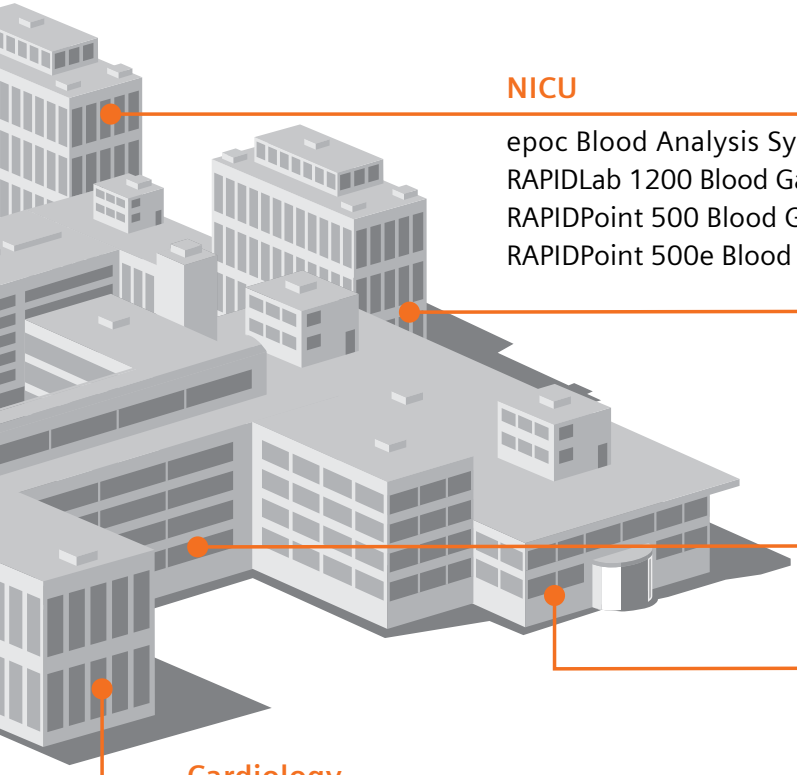
RAPIDLab 1200 Blood Gas System
RAPIDLab 348EX Blood Gas System



NICU

epoc Blood Analysis System
RAPIDLab 1200 Blood Gas System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System

ICU

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System

Radiology

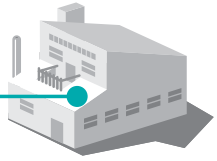
epoc Blood Analysis System

Respiratory Therapy

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System

Cardiology

epoc Blood Analysis System
RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System



Bio Pharma

RAPIDPoint 500 Blood Gas System
RAPIDPoint 500e Blood Gas System
RAPIDLab 1200 Blood Gas System
RAPIDLab 348EX Blood Gas System

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

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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