

RAPIDLab 1200 Blood Gas Systems

Menu and Throughput to Accommodate Your High-volume Testing Needs

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Maximize the speed and throughput of your blood gas testing

Siemens Healthineers RAPIDLab® 1200 Blood Gas Systems help expedite clinical decision making by generating immediate, trusted results for critical analytes.

Specifically designed to improve turnaround and uptime in laboratory and point-of-care settings, the RAPIDLab 1200 Blood Gas Systems streamline workflow with easy-to-use, cartridge-based technology that optimizes operational performance in medium- to high-volume testing sites.

RAPIDLab 1200 systems analyze even the smallest of patient samples. The automatic identification of a small blood sample instantly shifts the analyzer into microsample mode. Minimal sample-volume requirements, advanced automatic quality control, fast calibration times, and hands-free, bio-safe sampling help improve workflow wherever critical care testing is performed. Testing speed and efficiency combine with high reliability and low maintenance requirements to facilitate delivery of accurate, on-demand results that can be made available as soon as clinicians need them. Treatment decisions can be made without delay, helping patients to get back to their lives faster.

The test menu and operational efficiency you need today and in the future

- Results for all parameters available in approximately 60 seconds
- System produces accurate results from as little as 35 µL of whole blood
- High-throughput performance accommodates test loads in laboratories and point-of-care environments
- The comprehensive test menu (including pH, blood gas, electrolytes, metabolites, and CO-oximetry) supports as broad or specific a test set as clinicians or testing environments demand



Easy, dependable operation— plus the advanced connectivity you need to support real-time reporting

Quickly analyze patient samples via the intuitive color touchscreen interface

- Three simple steps to generate results:
Scan the patient bar-code ID, insert the syringe or capillary, and select Analyze
- Panels can be customized to display the most frequently requested tests
- Interface provides at-a-glance view of system readiness
- Icons provide instant links to screens for analysis, system setup and functions, and help menu
- Onboard learning videos simplify training and daily operations



Preserve data integrity and improve workflow

- Optional bar-code scanner helps ensure accurate and secure capture of patient and operator ID
- “Always-on” bar-code scanner setting simplifies and speeds hands-free testing
- System supports a variety of bar-code formats, including 1-D and 2-D bar codes, to meet hospital needs today and in the future
- Expanded support for nonstandard multibyte ASCII characters

More system uptime with cost-effective cartridge technology

- Cartridges eliminate the need for high-maintenance reagent bottles and gas tanks
- Reagent cartridge remains onboard for 30 days with no need for operator intervention
- Automatic Quality Control (AQC) cartridges last 28 days, simplifying compliance
- Cartridge-based system supports walkaway operation and minimizes time spent on maintenance

Maximize reporting efficiency and ensure QC performance with compliance oversight

- Seamless integration with LIS, HIS, and data management systems facilitates real-time delivery of on-demand results, remote QC monitoring, and networked system compliance management
- Onboard USB ports simplify data uploads/ downloads and extend data export options
- QC setup issue notifications ensure proper QC configuration
- Added QC option with new reagent cartridge installation
- Simultaneous manual and automatic QC scheduling adds flexibility

Accurate results for multiple analytes

Test menu and calculated parameters

- **Blood Gas:** pH, pCO₂, pO₂
- **Electrolytes:** Sodium, potassium, chloride, ionized calcium
- **Metabolites:** Glucose, lactate
- **CO-oximetry:** Total hemoglobin, oxyhemoglobin, deoxyhemoglobin, methemoglobin, carboxyhemoglobin, neonatal total bilirubin
- **Calculated parameters:** Multiple oxygenation, CO-oximetry, temperature-corrected, respiratory, metabolic, and manually entered parameters



Generate precise results with simplified quality control

- Cartridge-based Automatic Quality Control system minimizes operator involvement over the 28-day lifecycle
- All quality control materials and patient samples follow the same sample pathway through the reagent cartridge and the measurement module
- The AQC cartridge contains three levels of QC material that span the normal and clinically significant ranges for all analytes

Deliver critical results from very small samples

- A small sample requirement and the microsample mode are ideal for the NICU setting: Patient results can be obtained from just 35 µL of whole blood
- Automatic short-sample recognition permits split-sample analysis, generating results from a 100 µL sample volume

Ensure the accuracy of patient results

- Siemens Ready Sensor® electrode technology has a more than 25-year history of dependable performance
- Time-tested Ready Sensor electrodes ensure proven measurement accuracy with reliable, long-life stability
- The sample pathway in the well-lighted measurement chamber is easily visualized to monitor sample integrity

Safeguard patient samples and hospital staff with hands-free testing

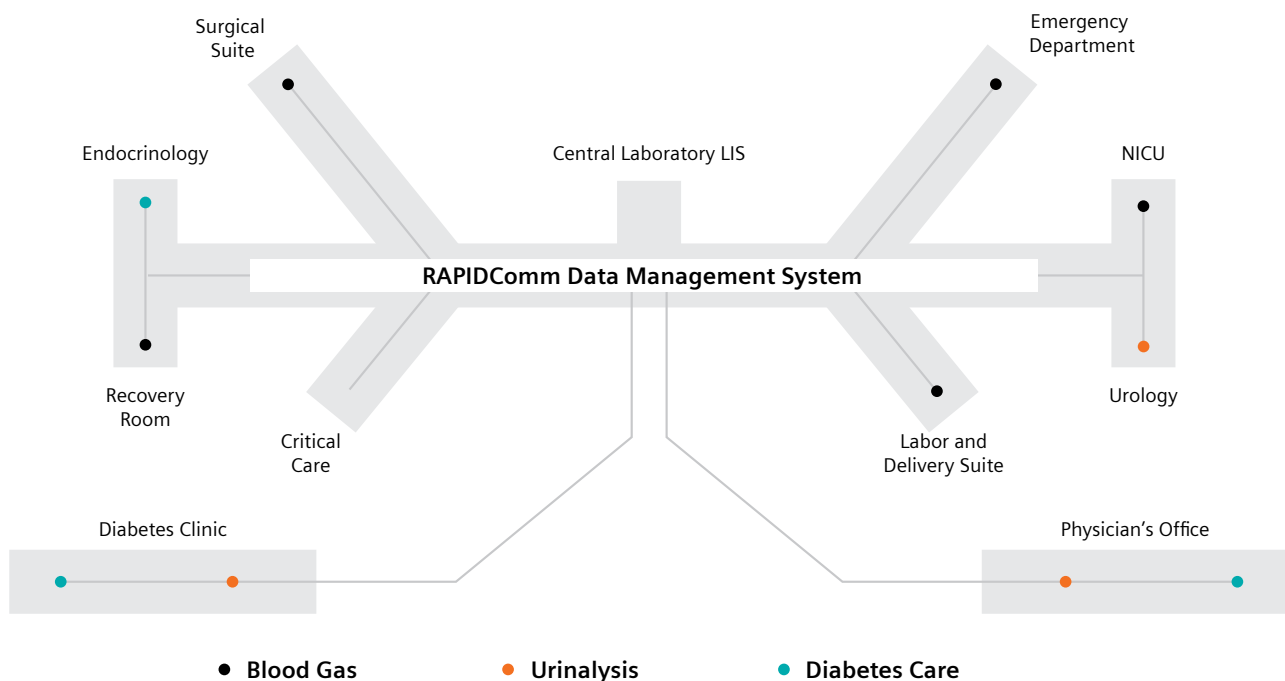
- Single, hands-free sample port accepts syringes and capillary tubes without special adapters
- Automated sample aspiration minimizes exposure to biohazards and reduces the potential for errors resulting from poor operator technique
- Built-in clot detection and clot clearance management maximize safety and further minimize system downtime
- Short-sample recognition automatically shifts the system into microsample mode, with no operator intervention necessary

Complete your testing ecosystem with the RAPIDComm Data Management System

When analyzers in remote, decentralized settings are supported by the RAPIDComm® Data Management System, POC coordinators can oversee institution-wide blood gas testing from a single location. The system provides the key functionality you need to manage devices and operator competency, QC, and compliance reporting through remote monitoring and mobile access.

Configure, Monitor, and Control Multiple Networked RAPIDLab 1200 Blood Gas Systems

- Control and monitor systems from a single, customizable interface
 - Troubleshoot RAPIDLab 1200 systems, standardize test protocols, authorize and certify operators, and enforce QC checks
 - Generate customized reports for accreditation inspections
 - Manage systems inventory and consumables remotely
 - Export system's software version into RAPIDComm system
 - Support for dual LIS transmission
- View and control instruments and troubleshoot issues from your handheld device (requires the RAPIDComm Web Application)
 - Ensure testing and regulatory compliance and significantly improve risk management
 - Connect to PEP Administrator,[†] a Siemens Healthineers learning management system
 - Connect and manage other Siemens Healthineers analyzers—including alternative blood gas systems, urine chemistry, and diabetes care analyzers—through one interface to your LIS/HIS



Maximize blood gas testing productivity

Siemens Healthineers' support for blood gas testing goes far beyond onboard system help and video tutorials. Our Customer Services program is designed to help your lab run at peak performance and improve patient care.

Protect your system from potential security threats with RAPIDLab 1200 system security solutions.

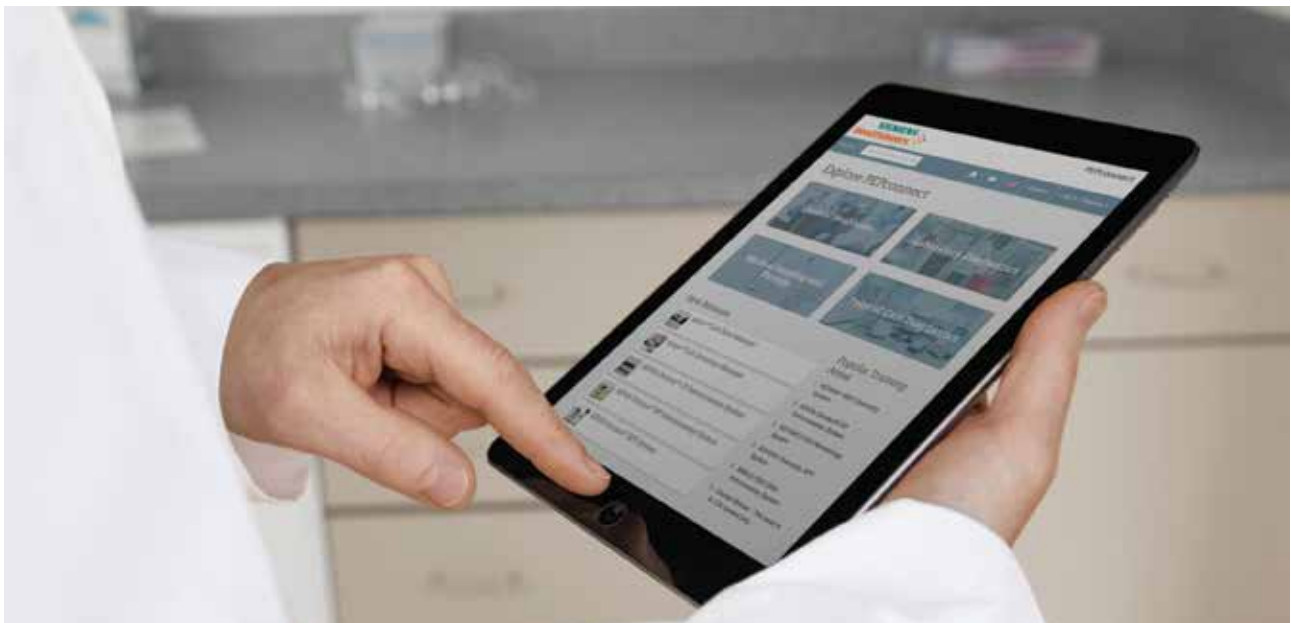
- McAfee Embedded Control protects against threats from both networks and infected thumb drives
- Firewall feature prohibits unauthorized system access
- Verified system connection restricts external address from accessing the system
- Encrypted patient data transfer via USB protects patient information

Siemens Healthineers Customer Services Program

The biggest value the Siemens Healthineers Customer Services Program has to offer is that it harnesses the potential of the biggest medical imaging installed base in the world using market-leading equipment. It opens the door for customers to access the wealth of knowledge that comes with this unique market position. And it provides the tools and offerings our customers need to put this unique pool of knowledge to use in their daily doing.

Siemens Healthineers PEPconnect

PEPconnect is a smarter and faster connection of people to knowledge for healthcare. The industry's first personalized education and performance experience for the healthcare professional, designed to increase staff competency, efficiency, and productivity for the overall healthcare environment.



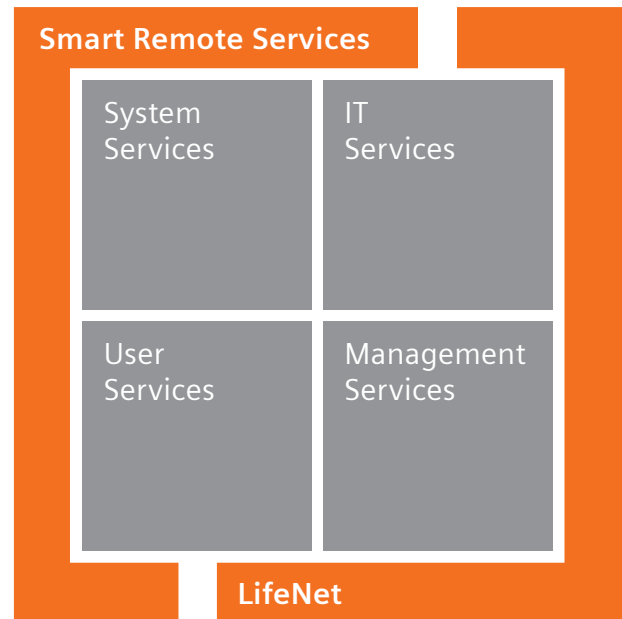
Siemens Healthineers PEP Administrator

Streamline management, administration, and reporting with PEP Administrator. It provides the visibility, access, and management tools for quality and compliance verification throughout your entire organization—all with the same ease and simplicity your staff experiences with PEPconnect.

Siemens Healthineers POckit Educational Solution

POckit connects people to knowledge, with just-in-time performance support, anytime, anywhere from any device. POckit is a web-based education solution designed for healthcare professionals performing point-of-care testing. It provides immediate access to the latest topics, videos, and links to access information on how to use Siemens Healthineers POC testing solutions.

Our Customer Services Program is intended to build confidence and make our customers' jobs simpler and easier to do.



At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all made possible by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 120 years of experience and 18,000 patents globally. Through the dedication of more than 50,000 colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

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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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