

# Uniquely designed to meet your escalating throughput needs



## System Description

High Throughput Blood Gas Analyzer

## System Menu

pH	Cl <sup>-</sup>
pCO <sub>2</sub>	Glucose
pO <sub>2</sub>	Lactate
Na <sup>+</sup>	Neonatal Total Bilirubin*
K <sup>+</sup>	CO-oximetry
Ca <sup>++</sup>	

## Parameter Specifications

Analyte	Units	Range of Operation
pH		6.000 – 8.000
pCO <sub>2</sub>	mmHg	5.0 – 250.0
	kPa	0.67 – 33.33
pO <sub>2</sub>	mmHg	0.0 – 800.0
	kPa	0.00 – 106.67
Na <sup>+</sup>	mmol/L	70.0 – 200.0
K <sup>+</sup>	mmol/L	0.50 – 20.00
Ca <sup>++</sup>	mmol/L	0.25 – 5.00
	mg/dL	1.0 – 20.0
Cl <sup>-</sup>	mmol/L	40.0 – 160.0
Glucose	mmol/L	0.6 – 55.4
	mg/dL	10.0 – 998.0
Lactate	mmol/L	0.00 – 30.00
	mg/dL	0.0 – 270.2

## NEW

Neonatal	µmol/L	34.0 – 1026.0
Total	mg/dL	2.0 – 60.0
Bilirubin		

## CO-oximetry Parameters

	Units	Range of Operation
tHb	g/dL	2.0 – 25.0
	g/L	20 – 250
	mmol/L	1.2 – 15.5
sO <sub>2</sub>	%	0 – 100
O <sub>2</sub> Hb	%	0 – 100
HHb	%	0 – 100
COHb	%	0 – 100
MetHb	%	0 – 100

## Sample Type

Heparinized whole blood, syringe and capillary

## Time to Results

60 seconds

## Reagent Cartridge Use Life

30 days

## Calibration

1 point every 30 minutes to a maximum of 60 minutes; Full calibration every 8 hours

## Quality Control

Automatic Quality Control (AQC) cartridge; Ampuled QC

## System Dimensions

W/D/H: 58.4 cm. (23.0 in.) / 55.9 cm. (22.0 in.) / 57.2 cm. (22.5 in.)  
Weight: 29.5 kg. (65.0 lbs.)

## External Interfaces

USB Printer Port, RS232 Port, Bar Code Scanner Port, RJ10/100 Base T Ethernet Port

## Power Requirements

Rating: 150 VA  
Voltage: 100 to 240 VAC  
Freq: 50 to 60 Hz

## Environmental Requirements

Temp: 15°C to 32°C  
Humidity: 5% to 85% non-condensing

## Safety

EN 60601-1-2:2001, Group 1, Class B, CB Test Certificate, UL Certificate, CSA Certified

## EMC

FCC47-15-B, EN55011 (G1-1-B), EN60601-1-2

Features and specifications are subject to manufacturer change.

## RAPIDLab® 1200 Blood Gas Analyzer Product Specifications

Answers for life.

**SIEMENS**

# RAPIDLab 1200 Blood Gas Analyzer Specifications

## Sample Size: Syringe (1mL)/Capillary (Minimum)

Mode	RAPIDLab 1240	RAPIDLab 1245	RAPIDLab 1260	RAPIDLab 1265
pH Only	35 µL	35 µL	95 µL	95 µL
CO-oximetry Only	–	100 µL	–	100 µL
Full Menu	90 µL	140 µL	125 µL	175 µL



Measurement chamber

## RAPIDLab 1200 Menu and Model Description

### Menu

Laboratory testing of blood gas, electrolytes, metabolites, including neonatal total bilirubin, total hemoglobin and hemoglobin derivatives in arterial, venous and capillary whole blood samples

### RAPIDLab 1240 Blood Gas Analyzer

Blood Gas

### RAPIDLab 1245 Blood Gas Analyzer

Blood Gas

CO-oximetry

**NEW** Neonatal Total Bilirubin

### RAPIDLab 1260 Blood Gas Analyzer

Blood Gas

Electrolytes

Metabolites

### RAPIDLab 1265 Blood Gas Analyzer

Blood Gas

Electrolytes

Metabolites

CO-oximetry

**NEW** Neonatal Total Bilirubin



RAPIDLab 1200 screen

\* Under FDA 510K review.

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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