

Central Lab accuracy. Point of Care efficiency.



System Description

Point of Care Blood Gas Analyzer

System Menu

pH	Ca ⁺⁺
pCO ₂	Cl ⁻
pO ₂	Glucose
Na ⁺	Hct
K ⁺	CO-oximetry

Parameter Specifications

Analyte	Units	Range of Operation
pH		6.500 – 7.800
pCO ₂	mmHg	5.0 – 200.0
	kPa	0.67 – 26.66
pO ₂	mmHg	10.0 – 700.0
	kPa	1.33 – 93.32
Na ⁺	mmol/L	100.0 – 200.0
K ⁺	mmol/L	0.50 – 15.00
Ca ⁺⁺	mmol/L	0.20 – 5.00
Cl ⁻	mmol/L	65.0 – 140.0
Glucose	mmol/L	1.1 – 41.6
	mg/dL	20.0 – 750.0
Hct	%	12.0 – 75.0

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 ₂	%	0 – 100
O ₂ Hb	%	0 – 100
HHb	%	0 – 100
COHb	%	0 – 100
MetHb	%	0 – 100

Sample Type

Heparinized whole blood, syringe and capillary

Sample Size

Syringe: 200 µL

Capillary: 100 µL

Time to Results

60 seconds

Measurement Cartridge

Use Life: 28 days

Cartridge Size: 250/400/750 tests

Calibration

1 point every 30 minutes; 2 point every 2 hours; Full calibration every 8 hours

Quality Control

Automatic Quality Control (AQC) cartridge; Ampuled QC

System Dimensions

W/D/H: 30.0 cm. (11.75 in.) / 42.0 cm. (16.5 in.) / 55.0 cm. (20.25 in., display at highest position)

Weight: 15.5 kg. (34.0 lbs., excluding cartridges)

External Interfaces

RS232 port; 10BaseT Ethernet; Bar Code Scanner

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

Barometric

Pressure: 523 to 800 mmHg

Safety

UL Listed, CSA, IEC 601-1, EN 60601, JIS

EMC

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

EN60601-1-2

Features and specifications are subject to manufacturer change.

RAPIDPoint® 400/405 Blood Gas Analyzer Product Specifications

Answers for life.

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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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