

Blood Gas Analyzer for POC Testing

GASTAT-Pro

Made in Japan product with high usability and performance

EASY TO USE

•Short Time Analysis

Blood gas and electrolytes test results within 45 seconds.*

*Measured time after sample injection

•Internal Printer

Test result is printed right-after the test.

Acid-base graph is printable for understanding patient conditions.

•4.3-inch Color Touch Screen

4.3-inch clear color screen enables high operability and visibility.

HIGH QUALITY

•Automatic Sample Transport System

Once device detects sample, sample is transported by device driven and it achieves stability of test results.

•Long Shelf-Life Sensor Cards

2 months in room temperature (9~30°C)

1 year in refrigerator (2~8°C)

•Sample Injection Image

Sample's condition is displayed on the panel as it is being injected.



Easy 3 steps operation



STEP 1
INSERT

Insert a sensor card.



STEP 2
INJECT

Inject a blood sample to the sample injection.



STEP 3
ANALYZE

Test result is printed and appeared on the display in 45 seconds.

Specification

Sample type	Human blood (whole blood, serum, plasma) Dialysate ISE-CRS GASTROL-QC	
Measured parameters	pH	6.000 - 8.000
	$p\text{CO}_2$	5.0 - 250.0 Torr
	$p\text{O}_2$	5.0 - 720.0 Torr
	$c\text{Na}^+$	50.0 - 200.0 mmol/L
	$c\text{K}^+$	1.0 - 12.0 mmol/L
	$c\text{Cl}^-$	50.0 - 200.0 mmol/L
	$c\text{Ca}^{2+}$	0.25 - 5.0 mmol/L
	Hct	10.0 - 75.0%
Calculated parameters	cHb, cHCO_3^- std, cBE(ecf), cBE(B), cBB, sO_2 (est), αCO_2 (P), αO_2 (a), $c\text{Ca}^{2+}$ (7.4), $p\text{O}_2$ (A-a), RI, AG, pH(T), $p\text{CO}_2$ (T), $p\text{O}_2$ (T)	
Sample volume	Over 90 μL	
Analysis time	135 seconds (90 seconds calibration + 45 seconds analysis)	
Calibration	1 point calibration before each sample analysis	
Display	Color touch LCD	
Printer	20 digits thermal (58 mm)	
Data capacity	5000 results	
Interface	USB	
Sensor card shelf life	2 months in room temperature (9~30°C) 1 year in refrigerator (2~8°C)	
Operating environment	Temperature: 10 - 32 °C Humidity: 20 - 80 % (No condensation)	
Dimensions	Body: 100(W) - 220(D) - 90(H) mm Sensor card: 49.8(W) - 77.0(D) - 8.2(H) mm	
Weight	1.0 kg	
Power	100 - 240 V / battery	

Specifications subject to change without notice

3 kinds of single use sensor cards for different test



Test available	Sensor card P1	Sensor card P2	Sensor card P3
pH	●	●	●
$p\text{CO}_2$	●	●	●
$p\text{O}_2$	●	●	●
$c\text{Na}^+$		●	●
$c\text{K}^+$		●	●
$c\text{Cl}^-$		●	
$c\text{Ca}^{2+}$		●	
Hct	●	●	●

Manufacturer

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