

Blood Gas Analyzer for POC Testing

GASTAT-navi

Made in Japan product guarantees platinum quality

EASY TO USE

- **Short Time Analysis**
Blood gas and electrolytes test results within 45 seconds.
- **Integrated Printer**
Communication with external printer is no need.
Acid-base graph is printable with test results.
- **Automatic Pre-heating Function**
The instrument automatically heats up the sensor card if it is cold.
No need to wait until refrigerated card becomes room temperature.

HIGH QUALITY

- **Direct Sample Injection**
Reliable test results are provided with safety.
No need to worry about air contamination or biohazard.
- **QR Code Management**
Built-in barcode scanner checks lot-to-lot variation of the sensor card, and automatically corrects the test results.
- **Long Shelf-life Sensor Card**
12 months in refrigerator.
2 months in room temperature.



Easy 3 steps operation



STEP 1 Insert a sensor card.
INSERT



STEP 2 Inject a blood sample to the injection inlet.
INJECT



STEP 3 Test result is printed and appeared on the display in 45 seconds.
ANALYZE

Specification

Sample type	Whole blood, Aqueous solution	
Measured parameters	pH	6.000 - 8.000
	pCO ₂	5.0 - 250.0 Torr
	pO ₂	5.0 - 760.0 Torr
	cNa ⁺	80.0 - 200.0 mmol/L
	cK ⁺	1.0 - 12.0 mmol/L
	cCa ²⁺	0.25 - 5.0 mmol/L
	Hct	15.0 - 75.0%
Calculated parameters	cHCO ₃ ⁻ , ctCO ₂ , sO ₂ , cBE, cSBE, cBB, ctO ₂ , cSBC, AaDO ₂ , RI, ctHb, cCa ²⁺ (7.4)	
Sample volume	Over 50 μL (200 μL for aqueous solution)	
Analysis time	165 seconds (120 seconds calibration + 45 seconds analysis)	
Calibration	1 point calibration before each sample analysis	
Display	Color touch LCD	
Printer	20 digits thermal (56 mm)	
Data capacity	1000 results	
Interface	USB, RS232C	
Sensor card shelf life	2 months in room temperature 1 year in refrigerator	
Operating environment	Temperature: 15 - 30 °C Humidity: 30 - 80 %	
Dimensions	Body: 120(W) - 250(D) - 96(H) mm Sensor card: 85.6(W) - 54.0(D) - 8.5(H) mm	
Weight	1.4 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 091	Sensor card 092	Sensor card 093
pH	●	●	●
pCO ₂	●	●	●
pO ₂	●	●	
cNa ⁺		●	●
cK ⁺		●	●
cCa ²⁺			●
Hct	●	●	●

Manufacturer

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