

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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