

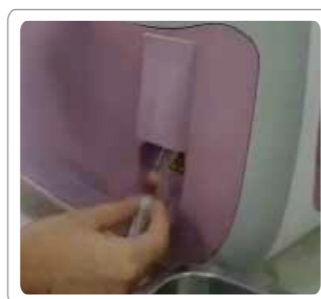
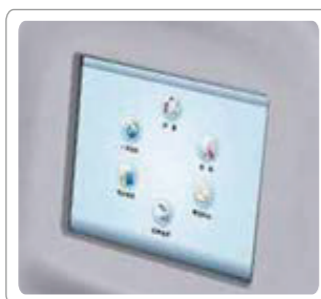


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BLOOD GAS ANALYZER
HGA-100 AAA



Blood Gas Analyzer



Key Features



Cost-effective
Cartridge type reagent package



Advanced Technology

- Solid electrode technology
- Liquid calibration technology
- Wet measurement mode, with good repeatability and high accuracy



Easy Operation

8" colorful graphical touch screen operation
Each measurement channel can be used separately.

- A) 24 hours continuous working, make sure of detection in time.
- B) Sampling system washed automatically, avoid blocking.



Multi-Function Detection

Besides for the detection of blood gas, it also has the option to test electrolyte items K⁺, Na⁺, Cl⁻, and Ca²⁺, allowing for multi-function detection.

Application

Blood gas electrolyte analyzer includes blood gas measuring items (PH, PCO₂, PO₂), electrolyte measuring items (Na⁺, K⁺, Cl⁻, Ca²⁺). It is used to detect partial pressure of Carbon Dioxide (PCO₂), and partial pressure of Oxygen (PO₂) value.

Used widely in ICU, Examination Dept., Respiration Medicine Dept, Pediatrics ICU, Neurosurgery, Cardiology Dept, Anesthesia Dept., Surgical Dept., Emergency Dept., etc.

Measurement

Items	Reference Range	Linearity Range
K+	3.5- 5.5 mmol/L	1.60 - 7.50 mmol/L
Na+	135- 145 mmol/L	100 - 180 mmol/L
Cl-	96 - 108 mmol/L	85- 150 mmol/L
Ca++	1.1- 1.4 mmol/L	1.50 - 3.00 mmol/L
PH	7.35- 7.45	3.000 - 12.0000
PO2	60 - 100 mmHg	0- 800.0 mmHg
PCO2	35- 45 mmHg	2.0-200.0 mmHg

Specifications

General Information	Measurement Items	PH, PCO2, PO2, Na+, K+, Cl-, Ca2+
	Calculation Parameters	PH(TC), PCO2(TC), PO2(TC), HCO3, SBC, BE, Beecf, TCO2, SO2%, P50, A-Ado2, RI, Tca, nCa
	Sample	Whole blood 150ul
	Test Method	Automatic sampling
	Testing time	50s
Working Conditions	Printer	Built-in thermal printer
	Display screen	8"TFT colorful LCD touch screen
	Storage	≥5000 test results
	Interfaces	RS232
Electrical Data	Power supply	100V~240V , 47Hz~63Hz