

ST-200CC

Arterial Blood Gas Analyzer

Features

- Aspirate 1 sample and acquire 20 different results.
Blood gas : pH, pCO₂, pO₂, Hct.
Electrolytes : Na, K, iCa, Li, pH, Cl.
Calculated Parameters : Hb, HCO₃, BE, BE-B, BE-ECF, TCO₂, AG, AG(K), O₂ Sat, O₂ Ct, SBC.
- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- Excellent precision and reliability.
- Integrated Parameter conversion functionality.
- One single Reagent Pack with all 14 combinations.
- Numeric & alpha numeric input option with 15 digit operator & patient ID.
- External barcode scanner, mouse & keypad interfacing option.
- Self probe wiping facility with 3 different aspiration modes (sample tube, sample syringe & capillary).
- Maximum 2,00,000+ sample storage capacity.
- The result can be recalled by Date, Patient ID, Patient name, by parameters etc.
- Extremely low cost per test.
- Two USB output ports. (USB 2.0)

Specifications

1. Principle : Direct measurement with ion selective electrode (ISE), Impedance (Hct) and Amperometry (pO₂)
2. Parameters : This functionality allows the change of analytes.
3. Sample Type : Whole blood, serum, plasma, CSF and diluted urine.
4. Sample volume : 140µL.
5. Reading time : 65 seconds.
6. Speed : 55 samples / hour.
7. Storage : 2,00,000+
8. Conditioning : Temperature: 5 °C - 35 °C, <85% moisture.
9. Display : 7 inch high definition LCD with capacitive touch.
10. Print : 2 inch 24 column thermal printer.
11. Input voltage : 100/115-V AC, 50-60 Hz or 220V AC, 5060 Hz, 0.75 amp.
12. Dimensions : 15" W x 12" H x 7.0" D, Weight: 8 kg.
13. Battery : Optional support for 10 hours.
14. OS : Android. (WiFi enabled application up-gradable)

ABGE	ABG
BD	BD
pO ₂ Hct	pO ₂ Hct
K	B
Na	B
iCa	B
pH	pH
pCO ₂	pCO ₂
Cl	Cl
①	②



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