

ST-200CC[®]

A B G E M

Blood Gas Analyzer

Advanced
Technology
with **Glucose**
& **Lactate**



Analyzer's Advantages

Easy to Operate



Accurate Results



Minimal Maintenance



Economical



1800 212 2880

SENSA[®]CORE[®]

Features

- Aspirate 1 sample and acquire 27 different results.
Blood gas : pH, pCO₂, pO₂, Hct.
Electrolytes : Na, K, iCa, Li, pH, Cl.
Metabolites : GLU, LAC.
Calculated Parameters : Hb, HCO₃, BE, BE-B, BE-ECF, TCO₂, AG, AG(K), O₂ Sat, O₂ Ct, SBC, nCa, TCa, pO₂%, A, AaDO₂, a/A.
- Multilingual support.
- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- 7 inch high definition LCD with capacitive touch display.
- Excellent precision and reliability.
- Integrated Parameter conversion functionality.
- One single Reagent Pack with all 16 combinations.
- Numeric & alpha numeric input option with 15 digit operator & patient ID.
- External barcode scanner, mouse & keypad interfacing option.
- Single touch calibration for new reagent pack.
- Self probe wiping facility with 3 different aspiration modes (sample tube, sample syringe & capillary).
- Maximum 10,000 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)
- Optional battery backup & much more.

Specifications

1. Principle : Direct measurement with ion selective electrode (ISE), Impedance (Hct) and Amperometry (pO₂, GLU, LAC)
2. Parameters : This functionality allows the change of analytes.
3. Sample Type : Whole blood, serum, plasma, CSF and diluted urine.
4. Sample volume : 150 ± 30µL.
5. Reading time : Electrolytes - 65 seconds
Electrolytes with HCO₃ - 90 seconds
ABGEM - 110 seconds
6. Speed : 40 samples / hour.
7. Storage : 10,000
8. Conditioning : Temperature: 10°C - 40°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, 50-60 Hz, 0.75 amp.
12. Dimensions : 15" W x 12" H x 7.0" D, Weight: 8 kg.
13. Battery : Optional support for 4 hours.
14. OS : Android. (WiFi enabled application up-gradable)

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ABGEM	ABGM	ABGE	ABG	ELECTROLYTE											
BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
pO ₂ Hct	pO ₂ Hct	pO ₂ Hct	pO ₂ Hct	B	B	B	B	B	B	B	B	B	B	B	B
K	B	K	B	K	K	K	K	K	K	K	K	K	K	K	K
Na	B	Na	B	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
iCa	B	iCa	B	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	B	B
pH	pH	pH	pH	pH	pH	Li	Li	B	Li	B	Li	B	B	B	B
pCO ₂	pCO ₂	pCO ₂	pCO ₂	pCO ₂	pCO ₂	Li	Li	B	Li	B	Li	B	B	B	B
Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
GLU LAC	GLU LAC	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
①	②	Parameter Combinations													

Parameter	Measuring Range Blood	Measuring Range Urine
Na ⁺	20.0 - 250.0 mmol/L	25.0-1000.0 mmol/L
K ⁺	0.20 - 40.0 mmol/L	1.0-500.0 mmol/L
Cl ⁻	25.0 - 200.0 mmol/L	25.0-500.0 mmol/L
iCa ⁺⁺	0.25 - 5.0 mmol/L	***
Li ⁺	0.2-5 mmol/L	***
pH	6-8	***
pO ₂	0-760 mmHg	***
pCO ₂	5-120 mmHg	***
TCO ₂	5-50 mmol/L	***
Hct	10-80 %	***
HCO ₃	5-50 mmol/L	***
GLU	20-800 mg/dL	***
LAC	0.1-24 mmol/L	***
Hb	3-23 g/dL	***

www.sensacore.com



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