

# ST-200CC® Smart



## SENSA™ CORE®

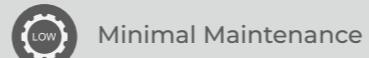
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## ABGEM Blood Gas Analyzer

Analyzer's  
Advantages



Minimal Maintenance



Economical



Easy to Operate



Accurate Results



Toll Free No: 1800 212 2880

## SENSA™ CORE®



## Features

- Aspirate 1 sample and acquire 27 different results.

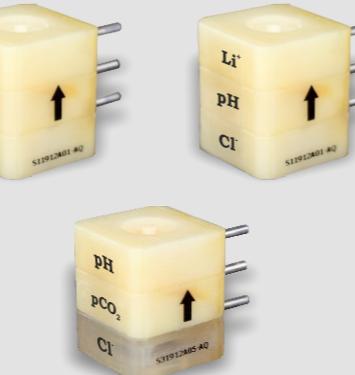
**Blood gas**: pH, pCO<sub>2</sub>, pO<sub>2</sub>, Hct.

**Electrolytes**: Na, K, iCa, Li, pH, Cl.

**Metabolites**: GLU, LAC.

**Calculated Parameters**: Hb, HCO<sub>3</sub>, BE, BE-B, BE-ECF, TCO<sub>2</sub>, AG, AG(K), O<sub>2</sub> Sat, O<sub>2</sub> Ct, SBC, nCa, TCa, pO<sub>2</sub>%, A, AaDO<sub>2</sub>, a/A.

- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- Numeric & alpha numeric input option with 15 digit operator and patient ID.
- Self probe wiping facility with 3 different aspiration modes (sample tube, sample syringe & capillary).
- The result can be recalled by Date, Patient ID, Patient name, by parameters etc.
- External mouse, keypad & barcode scanner interfacing option.
- 10 inch high definition LCD with capacitive touch screen.
- Single Reagent pack for all 16 combinations.
- Integrated Parameter conversion functionality.
- Single touch calibration for new reagent pack.
- Maximum 10,000 sample storage capacity.
- Optional battery backup & much more.
- Excellent precision and reliability.
- Two USB output ports. (USB 2.0)
- Extremely low cost per test.
- Multilingual support.



## Specifications

Principle	: Direct measurement with ion selective electrode (ISE), Impedance (Hct) and Amperometry (pO <sub>2</sub> , GLU, LAC).
Reading time	: 60 seconds.
Parameters	: This functionality allows the change of analytes.
Sample Type	: Whole blood, serum, plasma, CSF and diluted urine.
Conditioning	: Temperature: 10°C - 30°C, <85% moisture.
Display	: 10 inch high definition LCD with capacitive touch.
Print	: 2 inch 24 column thermal printer.
Input voltage	: 100/115-V AC, 50-60 Hz (or) 220V AC, 50-60 Hz, 0.75 amp.
Dimensions	: 15.2" W x 13.2" H x 8.3" D, Weight: 5 kg.
OS	: Android.
Analysis Speed	: 60 Seconds
Sample volume	: 100µL (Capillary/Micro Mode).
Battery	: Optional support for 4 hours.
Storage	: 1,00,000

ABGEM	ABGM	ABGE	ABG	ELECTROLYTE															
				BD	BD														
K	K	K	B	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
Na	Na	Na	B	Na	Na														
iCa	iCa	iCa	B	iCa	B														
pH	pH	pH	B	pH	B														
pCO <sub>2</sub>	pCO <sub>2</sub>	pCO <sub>2</sub>	Ci	pCO <sub>2</sub>															
Cl	Cl	Cl	B	Cl	B														
pO <sub>2</sub>	pO <sub>2</sub>	pO <sub>2</sub>	Hct	OB	OB														
Hct				GLB	GLB														
GLU	LAC	GLB	GLB	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
LAC																			

Parameter	Blood Measuring Range	Urine Measuring Range
Na+	20.0 - 250.0 mmol/L	25.0 - 1000.0 mmol/L
K+	0.20 - 4.00 mmol/L	1.0 - 500.0 mmol/L
Cl-	25.0 - 200.0 mmol/L	25.0 - 500.0 mmol/L
iCa++	1.0 - 20.0 mg/dL	-----
Li+	0.2 - 5.0 mmol/L	-----
pH	5 - 9	-----
pO <sub>2</sub>	10 - 750 mmHg	-----
pCO <sub>2</sub>	5 - 120 mmHg	-----
TCO <sub>2</sub>	5 - 50 mmol/L	-----
Hct	10 - 70 %	-----
HCO <sub>3</sub>	5 - 50 mmol/L	-----
GLU	20 - 800 mg/dL	-----
LAC	0.1 - 24 mmol/L	-----