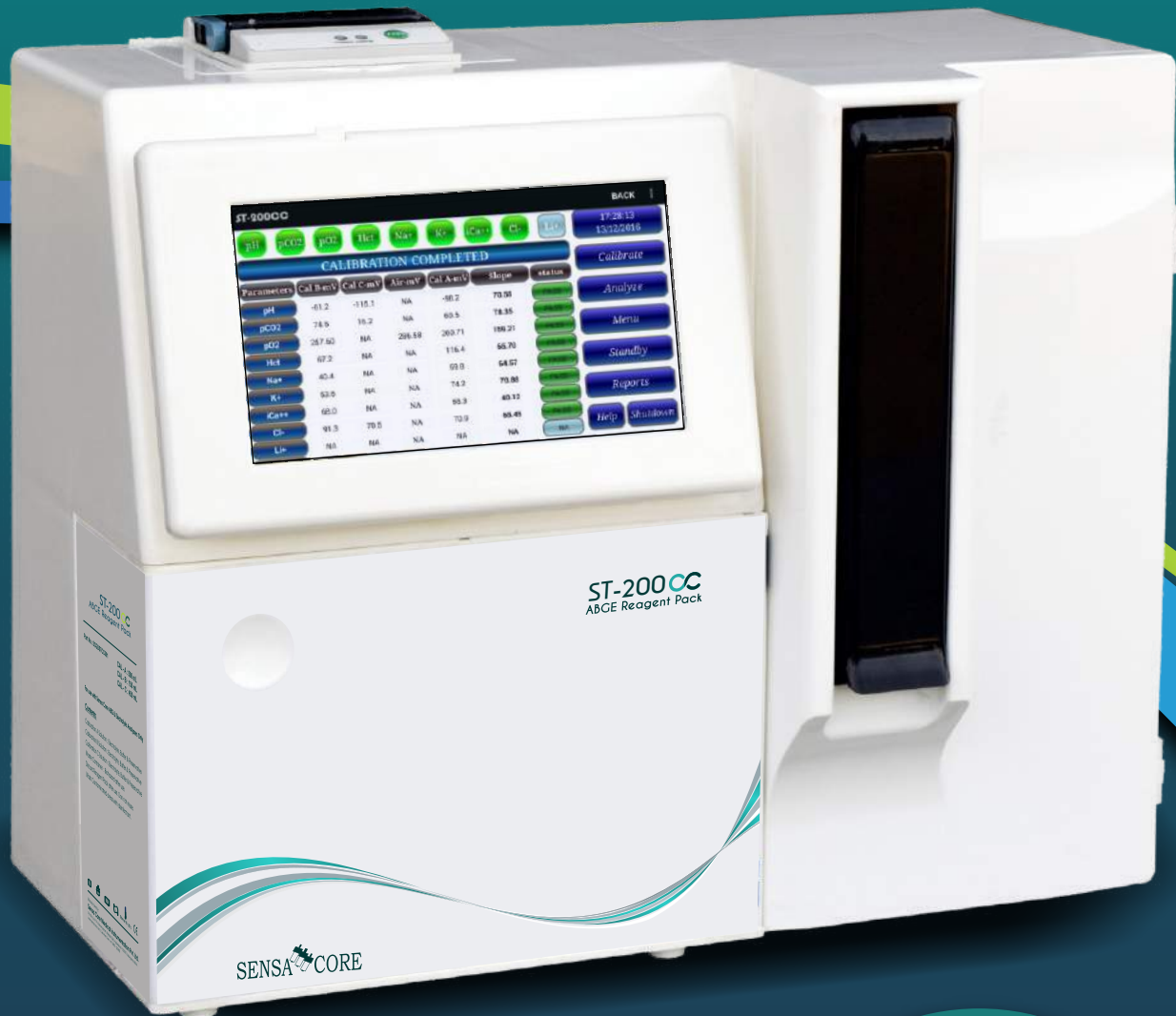


ST-200^{CC}

Arterial Blood Gas Analyzer



Mouse



Bar Code
Scanner



Whole Blood
Mode

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.
- 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 14 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 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)
- Optional battery backup & much more.

ST-200 CC

Arterial Blood Gas Electrolyte Analyzer

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, 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 10 hours.
14. OS : Android. (WiFi enabled application up-gradable)

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

Parameter	Measuring Range Blood	Reproducibility (CV%)	Measuring Range Urine	Reproducibility (CV%)
Na+	20.0 - 250.0 mmol/L	< 1.0%	25.0-1000.0 mmol/L	< 5.0%
K+	0.20 - 40.0 mmol/L	< 2.0%	1.0-500.0 mmol/L	< 5.0%
Cl	25.0 - 200.0 mmol/L	< 1.0%	25.0-500.0 mmol/L	< 5.0%
iCa++	1.0 - 20.0 mg/dL	< 2.0%	***	***
Li	0.2-5 mmol/L	<2.0%	***	***
pH	6-8	± 0.03	***	***
pO ₂	10-750 mmHg	< 3.0%	***	***
pCO ₂	5-120 mmHg	< 3.0%	***	***
TCO ₂	5-50 mmol/L	< 3.0%	***	***
Hct	10-70 %	< 3.0%	***	***
HCO ₃	5-50 mmol/L	< 3.0%	***	***

Manufactured by :

Sensa Core Medical Instrumentation Pvt. Ltd.

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