BBM

BANDARU BIO MEDICALS

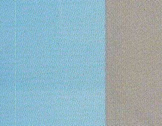
SENSA CORE

Healthcare and Diagnostic Products

ST-200 CC

Arterial Blood Gas Analyzer

ST-200CC
BACK
17:28:13
13/12/2016
pH
pCO2
pO2
Hct
Na+
K+
iCa++
Cl-
Li+
CALIBRATION COMPLETED
Parameters
Cal B mV
Cal C mV
Air mV
Cal A mV
Slope
status
Calibrate
Analyze
Menu
Standby
Reports
Help
Shutdown
ST-200 CC
Arterial Blood Gas Analyzer
ST-200 CC
ABGE Reagent Pack
SENSA CORE



Bar Code
Scanner

RELIABLE
EASY TO USE
EASY TO AFFORD

BMQR ISO 9001 CERTIFIED CE BMQR ISO 9001 CERTIFIED

India's First Arterial Blood Gas Analyzer

Features

- Aspirate 1 sample and acquire 20 different results.
  Blood gas : pH, pCO_2 pO_2, Hct.
  Electrolytes : Na, K, iCa, Li, pH, Cl.
  Calculated Parameters : Hb, HCO_3, BE, BE-B, BE-ECF, TCO_2, AG, AG(K), O_2Sat, O_2Ct, SBC.
- Multilingual support.
- Levey-Jenning charts for NABL and seamless integration to LIS (Lab information system).
- 7 inch high defination LCD with capacitive touch display.
- Excellent precision and reliability
- Integrated Parameter conversion functionality.
- One single Reagent Pack with all 14 combinations.
- Numberic & 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 & One RS-232 output ports.
- Optional battery backup & much more.

ST-200CC
Arterial Blood Gas Analyzer
CALIBRATION COMPLETED
SENSA CORE
ST-200CC
Arterial Blood Gas Analyzer
SENSA CORE

Specifications

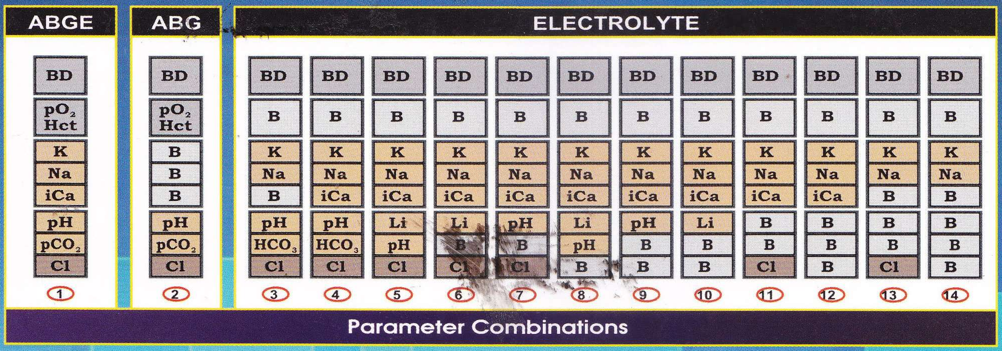
1. Principle : Direct measurement with ion selective electrode (ISE) Impedence (Hct) and Amperometry (pO_2)
2. Parameters : This functionality allows the change of analytes
3. Sample Type : Heparin Arterial Blood sample for ABG
   Whole blood, serum, plasma, CSF & diluted urine for electrolytes
4. Sample volume : 100 Micro Litres
5. Reading time : 55 seconds
6. Speed : 60 samples/hour
7. Storage : 2,00,000+ samples storage capacity
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, 50-60Hz or 220V AC,
    50-60 HZ, 0.75 amp
12. Dimensions : 15”W x 12”H x 7.0”D weight : 8kg
13. Battery : Optional support for 10 hours.
14. OS : Android (WiFi enabled application up-gradable)

ST-200CC
Arterial Blood Gas Analyzer

Introducing :

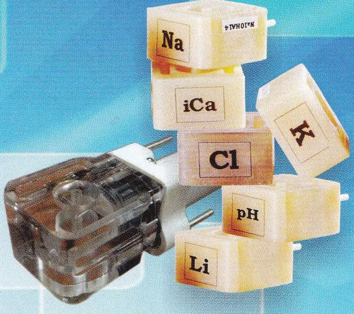
Self wiping probe
with capillary mode

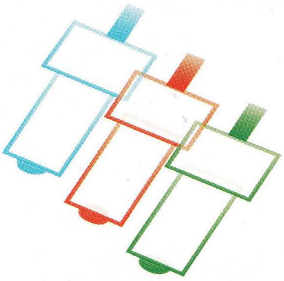
Gas Analyzer

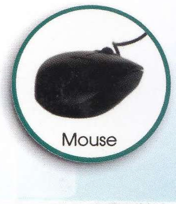


ABGE	ABG	ELECTROLYTE											
BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
pO_2 Hct	pO_2 Hct	B	B	B	B	B	B	B	B	B	B	B	B
K	B	K	K	K	K	K	K	K	K	K	K	K	K
Na	B	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
iCa	B	B	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	B	B
pH	pH	pH	pH	Li	Li	pH	Li	pH	Li	B	B	B	B
pCO_2	pCO_2	HCO_3	HCO_3	pH	B	B	pH	B	B	B	B	B	B
Cl	Cl	Cl	Cl	Cl	Cl	Cl	B	B	B	Cl	B	Cl	B
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭

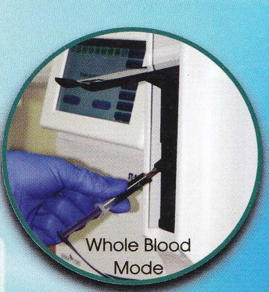
Parameter Combinations


Na
iCa
K
Cl
pH
Li




Mouse

Bar Code Scanner


Whole Blood Mode

MICRO
ENTERPRISES