



Sensa Core's ST-200 CC Blood Gas Analyzer is a completely automated, microprocessor controlled ABG Electrolyte system that uses current Direct measurement with ION selective electrode (ISE), Impedance (Hct) and Amperometry (pO<sub>2</sub>) technology to make ABG and Electrolyte measurements. The ST-200 CC ABG Analyzer measures various combinations of sodium, potassium, Ionized Calcium, Lithium, pH, Chloride, pCO<sub>2</sub>, pO<sub>2</sub>, Hct, 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 and SBC in whole blood, serum, plasma, and urine. Sensa Core's ST-200 CC Blood Gas Analyzer is specifically designed to meet the needs of small to medium-size laboratories by Inventing and developing the latest technology, Sensa Core's Blood Gas Analyzer improves lab productivity while delivering sample results economically. Snap-in electrode design, combined with precise control of calibrator volumes, ensure economical operation and a low cost per sample in our Analyzers. Unlike the rest of the ABG analyzers, maintenance of Sensa Core's Blood Gas Analyzer is limited to the replacement of Reagent Pack, Maintenance-Free Electrodes and Pump Tube which are just plug and play. Depending upon customer requirement ST-200 CC can be upgraded as well as downgraded to 14 different combinations.

## Technical Specification

Sample Volume	140 µL
Sample Type	Whole Blood, Serum, Plasma, CSF & Diluted Urine
Parameters	(ABG: pH, pCO <sub>2</sub> , pO <sub>2</sub> , Hct) (ISE : Na, K, iCa, Cl, Li, pH)(Calc : 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)
External Integration	Barcode, Scanner, Mouse, Keypad (Any 2 at a Time) & LIS Integration (Serial Port)
Dimensions	15 Width x 12 Length x 7 Height (Inch)
Weight	8 Kg
Colour	Pearl White
Pump Mechanism	Long Lasting Comprehensive Lyte
Sample Storage	200000+
Language/s	94+ Languages
Auto Sampler	Not Available
Principle	Direct Measurement with ISE, Impedance (Hct) and Amperometry (pO <sub>2</sub> )
Parameter Combinations	14 Combinations
Touch Screen	Available (Capacitive Touch)
Operating System	Android
External Battery	Available (Optional)
Input Voltage	110/115-V AC, 50-60 Hz or 220V AC, 50-60 Hz, 0.75 amp.
Print Result	2 Inch 24 Column Thermal Printer

Operating Atmosphere	Temperature: 5 - 40 Degrees C, <85% Moisture
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Acquirable Results / Hour	55 Results
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Result Time	65 Seconds
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Sample Mechanism	Semi Auto Sampling
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Display	7 inch
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