

ST-200 aQua

Auto Electrolyte Analyzer



Auto Sampler

Easy to Operate

Minimal Maintenance

Accurate Results

Economical

Sensa Core's ST-200 aQua Auto Electrolyte Analyzer is completely automated, microprocessor controlled electrolyte system that uses current ISE technology to make electrolyte measurements. The ST-200 aQua Auto product measures various combinations of Sodium, Potassium, Ionized Calcium, Lithium, pH and Chloride in whole blood, serum, plasma, CSF, body fluids and urine.



Sensa Core's ST-200 aQua Auto Electrolyte Analyzer is specifically designed to meet the needs of medium-size to high volume laboratories using the latest ISE technology. Sensa Core's Electrolyte Analyzers improve 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.

Maintenance of Sensa Core's ST-200 aQua Auto Electrolyte Analyzers is limited to the replacement of Reagent Pack & Pump Tube. Rest of the components are just plug and play, including Maintenance-Free Electrodes.

Features

- 15 Samples at a time in batch processing (Optional).
- 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.
- 120μL sample acquire 6 different Critical Care results. (Na, K, iCa, pH, Cl & Li)
- Integrated Parameter conversion functionality.
- One set of Reagent Pack is common for all 10 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.
- 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.

Specifications

1. Principle : Direct measurement with ion selective electrode (ISE).
2. Parameters : This functionality allows the change of analytes.
3. Sample Type : Whole blood, serum, plasma, CSF and diluted urine.
4. Sample volume : 120μL.
5. Reading time : 60 seconds
6. Speed : 60 samples / hour.
7. Storage : 2,00,000+
8. Conditioning : Temperature: 5 °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, 60 Hz or 220V AC, 50 Hz.
12. Dimensions : 14.6" L x 8.7" W x 18.3" H. Weight: 8.5 Kg.
13. OS : Android. (WiFi enabled application up-gradable)

BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
K	K	K	K	K	K	K	K	K	K
Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
B	B	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa
B	B	B	B	Li	B	Li	B	Li	Li
B	B	B	B	B	pH	pH	pH	B	pH
B	Cl	B	Cl	B	B	B	Cl	Cl	Cl
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

Parameter Combinations

Manufactured by :

Sensa Core Medical Instrumentation Pvt. Ltd.

Plot No: 3, Export Promotion Industrial Park, Pashamylaram, Sangareddy (Dist),

Hyderabad - 502307, Telangana, INDIA. Telephone : +08455 - 223400

web : www.sensacore.com