## 57-200 aQUO Electrolyte Analyzer



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

Measuring Time 50 Seconds

1000 Sample per Pack

Alphanumeric Key Input

Minimal Sample Volume (100µL)

Long Life, Maintenance free Electrodes





## **Features**

- ➤ Compact, Economical and easy to use.
- Excellent precision and reliability.
- ► Long life, maintenance-free electrode blocks.
- ▶ Dispense 100µL sample and 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.
- Intelligent Reagent Pack with electronic chip.
- Extremely low cost per test.
- Optional battery backup & much more.

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 <sup>-</sup>	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%	<b>等等等</b>	传音音
Li⁺	0.2 - 5 mmol/L	< 2.0%	***	***
рН	6 - 8	± 0.03	***	***

## **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: 100µL.

5. Reading time : 50 seconds

6. Speed : 60 samples / hour.

7. Storage : 1000 Samples, 250 Urine,

100 QC

8. Conditioning : Temperature: 5 °C - 40 °C,

<85% moisture.

9. Output : 128 x 64 graphics display with

numeric keypad, USB port.

10. Print : 2 inch 24 column thermal

printer.

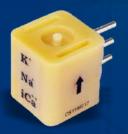
11. Input voltage : 100/115-V AC, 50-60 Hz (or)

220V AC, 50-60 Hz, 0.75 amp.

12. Dimensions : 14.6" W x 12.4" H x 9.6" D,

Weight: 4.3 kg.

13. Battery : Optional support for 10 hours.







Easy to Operate



Minimal Maintenance



**Accurate Results** 



Economical



Manufactured by :

Sensa Core Medical Instrumentation Pvt. Ltd.

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