

ST-200CL

Electrolyte Analyzer

(FLIP)



RELIABLE
EASY TO USE
EASY TO AFFORD

SENSA  **CORE**
Healthcare and Diagnostic Products

Features

- ★ Compact, Economical and Easy to use
- ★ Excellent precision and reliability
- ★ Long life, maintenance-free electrodes
- ★ Automatic sampling, probe wiping and calibration
- ★ Single reagent pack containing reagent & waste reagent.
- ★ Optional battery backup
- ★ Extremely low cost per test
- ★ High precision pump with more durable tubing

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 ⁻	20.0 - 200.0 mmol/L	< 1.0%	25.0-500.0 mmol/L	< 5.0%
iCa	0 - 10.0 mmol/L	< 2.0%	***	***
Li	0.2-5 mmol/L	< 2.0%	***	***
pH	6-8	< 2.0%	***	***

Specifications

- Principle : Direct measurement with ion selective electrode (ISE).
- Parameter conversion : This functionality allows quick change of analyte.
- Sample : Whole blood, serum, plasma, CSF and diluted urine. for diluted (1:5) urine 500 micro liter.
- Sample Volume : 100 micro liter.
- Measuring time : 60 sec.
- Throughput : 55 Samples / Hour .
- Data Storage : 1 lakh Sample, 25000 Urine, 100 QC.
- Ambient conditions : Temperature: 5^oC - 40^oC , <85% non-condensing humidity.
- Output : 128x64 graphics display with Y/N numeric keypad, 24 column thermal printer, USB port.
- Input voltage : 100/115-VAC, 50-60 Hz or 220-VAC, 50-60 Hz, 0.75 amp.
- Size & Weight : 15" W x 12" H x 7.0" D, 6 kg.
- Battery : Optional for 6hrs backup.



Electrolyte Analyzer Models

Electrode Parameters

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	pH	Li	pH	Li	Li
B	B	B	B	B	B	pH	B	B	pH
B	Cl	B	Cl	B	B	Cl	Cl	Cl	Cl
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

Note: Please Arrange The Electrodes As Per The Parameter Selection