



## ST-200CL<sup>®</sup> Plus **Electrolyte Analyzer**



India's First Arterial Blood Gas Analyzer

## Features

- \* Compact, Economical and Easy to use
- \* Excellent precision and reliability
- \* Long life, maintenance-free electrodes
- \* Automatic sampling, probe wiping and calibration
- \* Intelligent reagent pack with electronic chip
- \* Optional battery backup
- ★ Extremely low cost per test
- \* High precision pump with more durable tubing

## Specifications

Parameter	Measuring Range Blood	Reproducibility (CV%)	Measuring Range Urine	Reproducibility (CV%)
Na <sup>+</sup>	20.0 - 250.0 mmol/L	< 1.0%	25.0 - 1000.0 mmol/L	< 5.0%
К +	0.20 - 40.0 mmol/L	< 2.0%	1.0 - 500.0 mmol/L	< 5.0%
C1 <sup>-</sup>	20.0 - 200.0 mmol/L	< 1.0%	25.0 - 500.0 mmol/L	< 5.0%
iCa <sup>++</sup>	0 - 10.0 mmol/L	< 2.0%	***	
Li	0 - 10.0 mmol/L	< 2.0%	***	***
pН		<2.0%	***	***

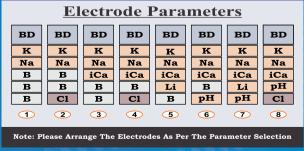
ST-200CL Plus

**Electrolyte Analyzer** 

1. Principle		Direct measurement with ion selective electrode (ISE).
2. Parameter conversion		This functionality allows quick change of analyte.
3. Sample		Whole blood, serum, plasma, CSF and diluted urine. for diluted (1:5) urine 500 micro liter.
4. Sample Volume		140 micro liter.
5. Measuring time		60 sec.
6. Throughput		55 Samples / Hour .
7. Data Storage		10,000 Sample, 250 Urine, 100 QC.
8. Ambient conditions	:	Temperature: 5°C - 40°C , <85% non-condensing humidity.
9. Output	:	128x64 graphics display with Y/N numeric keypad, 24 column thermal printer, Serial USB port.
10. Input voltage		100/115-VAC, 50-60 Hz or 220-VAC, 50-60 Hz, 0.75 amp.
11. Size & Weight		15.1" W x 13.2" H x 7.5" D, 4 kg.
12. Battery		Optional for 2 hours backup.



## **Electrolyte Analyzer Models**



8 Parameters for 5 Channels Analyzer



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