

# Sens-e-lyte

## ISE Electrolyte Analyzer



- RELIABLE
- AFFORDABLE
- STURDY



## 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.

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%
K <sup>+</sup>	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 <sup>++</sup>	1.0-20.0 mg/dL	<2.0%	***	***
Li	0.2-5 mmol/L	<2.0%	***	***
pH	6-8	<2.0%	***	***

## Specifications

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 : 100 micro liter.
5. Measuring time : 60 sec.
6. Throughput : 60 samples / Hour
7. Data Storage : 1 Lakh serum samples, 25000 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, USB port.
10. Input Voltage : 100/115-VAC, 50-60 Hz or 220-VAC, 50-60 Hz, 0.75 amp.
11. Size & Weight : 15" W x 12" H x 7.0" D, 6 kg.
12. Battery : Optional for 10hrs. backup.
13. Parameters : 10 Different Combinations Available.

## 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



Marketed by :



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