



**Soceum  
Diagnostic**

*We Serve  
Quality*



**SD lyte Advance  
Electrolyte Analyser**

*With  
Advanced  
Features & Specifications*

**CE**

**RELIABLE**  
**E**ASY TO USE  
ASY TO AFFORD

# Features

- Compact, Economical and Easy to use.
- Excellent precision and reliability
- Long life, maintenance-free electrodes
- Automatic Calibration
- Intelligent reagent pack with electronic chip
- Extremely low cost per test
- Standby Mode (Manual & Automatic)

# Specifications

1. Principle : Direct measurement with Ion Selective Electrode (ISE).
2. Parameter conversion : This functionality allows quick change of analyte,
3. Sample : Serum, CSF and diluted urine (dilution ratio 1:5).
4. Measuring time : 55 sec.
5. Data Storage : 600 serum/plasma, 100 urine 100 QC.
6. Ambient conditions : Temperature : 5 C - 40 C, <85% non condensing humidity.
7. Output : 128x64 graphics display with Y/N numeric keypad.
8. Input voltage : 100/115 - VAC, 50-60 Hz or 220-VAC, 50-60 Hz, 0.75 amp.
9. Size & Weight : 26.5 cm Wx 38 cm Hx 30 cm D, 6kg.

Measuring Range		Reproducibility (CV/1/2)
Na <sub>+</sub>	50.0-250.0 mmol/L	< 1.0%
K <sup>+</sup>	50.0-20.0 mmol/L	< 2.0%
Cl <sub>+</sub>	45.0-200.0 mmol/L	< 2.0%
iCa <sup>++</sup>	1.0-20.0 mg/dL	< 2.0%
Li	0.2-5 mmol/L	< 2.0%
pH	6.00-8.00	< 2.0%

Inbuilt Parameter Selection	
Mode	Na/K
Mode	Na/K/Cl
Mode	Na/K/iCa
Mode	Na/K/iCa/pH
Mode	Na/K/iCa/Li
Mode	Na/K/iCa/Li/pH
Mode	Na/K/iCa/pH/Cl



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