ACCULAB
ENLITE

AUTOMATED ELECTROLYTE ANALYZER

FOR ACCURATE DIAGNOSTIC DECISIONS

ACCUREX
Since 1984

FEATURES

- Automated, compact bench top electrolyte analyzer
- Maintenance free electrodes
- Rapid test results in 30 seconds
- Memory: 1000 records
- Samples: Serum, whole blood, plasma & urine
- Low sample consumption
- Automatic 1 point & 2 point calibration with optional manual calibration
- Advanced "2-way washing flow system" for efficient cleaning
- Automatic calculation of "temperature compensation factor"
- Flagging of abnormal results
- Auto maintenance alarms for deproteinize & cleaning
- Power failure protection to avoid data loss
- Convenient operation by numeric keypad
- Customizable configurations:
  Na^+/K^+ ; $Na^+/K^+/Cl^-$; $Na^+/K^+/iCa^{++}/pH$; $Na^+/K^+/Cl^-/iCa^{++}/pH$; $Na^+/K^+/Cl^-/Li^+$

High Performance Electrodes

- High performance maintenance free electrodes ensure durability
- Special refillable electrodes avoid the need for replacement
- Easy to install, refill & maintain
- Electrodes can be switched off by user

Temperature Compensation Factor

- Ca is dependent on pH & pH on temperature (Generally the temperature of the sample is close to room temperature. Every 10° change in temperature corresponds to pH change by 0.1).
- Temperature Compensation Factor - The Enlite system compensates the result of pH by comparing the real room temperature (Treal) with 37°C to get a better pH result.
- This ensures accurate result of pH & iCa during seasonal temperature variations.

Efficient Washing & Maintenance

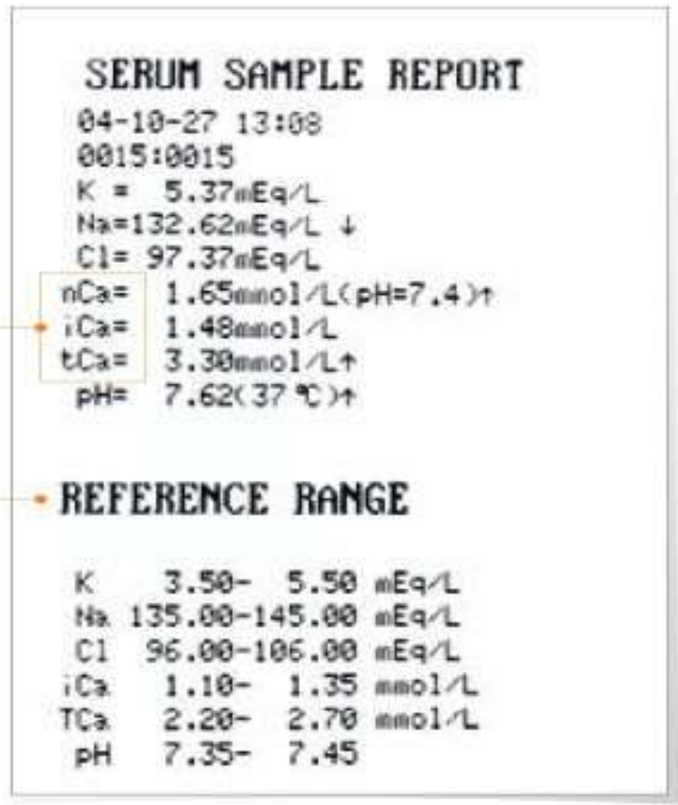
- A distinct advanced "2-way washing flow system" design in clock-wise & anti-clockwise direction ensures proper cleaning of sample pathway & prevents carryover.
- The flow path is visible & easily accessible for speedy maintenance & troubleshooting.
- Auto maintenance alarms for deprotenize & cleaning ensure timely maintenance.

Calibration & Controls

- Auto calibration after system self test enhances accuracy & precision
- Manual & auto calibration possible
- User-defined calibration intervals
- True sleep mode - *No calibration during sleep mode saves calibrates*
- Sleep mode can be user-defined or automatic
- Electrolyte controls are available

Intelligent Software

- Comprehensive service menus with step-by-step, intuitive, user-friendly prompts for easy troubleshooting.
- In-built reagent inventory management software
- Calibration data can be retrieved and reviewed
- "Stop-use" function to preserve the electrodes when instrument is switched off for a long time.
- TCa, iCa, nCa are printed in the report
- Optional printing of reference range on report
- Units – mmol/L, meq/L & mg/dl. ppm is also available on demand.



Reagents for Electrode Management

- Single disposable pack for calibrates, cleaning solution & waste
- No handling of biohazardous material
- Convenient room temperature storage

Technical Specifications	
Measurement Principle	Direct ISE technology
Sample Type	Serum / Whole Blood / Plasma / Urine (diluted)
Analysis Time	30 secs/test
Calibration	Automatic or user-defined
Display	High resolution LCD (240 x 64)
Printer	In-built thermal printer
Interface	RS-232 serial port
Power Requirement	Input voltage 100-240V ; Frequency ~50/60 Hz ; Power consumption
Operating Conditions	Temperature 5°- 40°C ; Humidity <85% ; Non-condensing environment
Dimension	30 cm (L) x 26 cm (B) x 36 cm (H)
Weight	7.6 Kgs.

Measurement Range			
Analyte	**Measurement Range**	**Resolution**	**CV**
Potassium ion (K^+)	0.50 - 15.00 mmol/L	0.01 mmol/L	1.5%
Sodium ion (Na^+)	80.0 - 200.0 mmol/L	0.1 mmol/L	1.0%
Chloride ion (Cl^-)	50.0 - 200.0 mmol/L	0.1 mmol/L	1.0%
Ionized calcium (Ca^{++})	0.10 - 5.00 mmol/L	0.01 mmol/L	1.5%
Lithium ion (Li^+)	0.30 - 3.00 mmol/L	0.01 mmol/L	1.5%
pH	6.0 - 9.0	0.01	1.0%

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Date : / /

Offer Price: ₹