

SelectaLyte

ELECTROLYTE ANALYZER Na^+ K^+ Cl^-

Analyze
Serum or Whole Blood
 Na^+ K^+ Cl^-



**Deliver Results
With Confidence**
sales@awaretech.com

USA FDA 510(k) Cleared

SelectaLyte® semi-automated electrolyte analyzer, designed to analyze Na⁺ K⁺ Cl⁻ electrolyte levels using serum or whole blood.

EASE OF OPERATION

1. Open probe
 2. Aspirate the sample
 3. Close probe and read results
- Results are displayed on-screen and simultaneously printed using the internal printer
 - Color Touchscreen graphics makes navigation of menus easy
 - On-screen prompts provide instructions and display status

LOW MAINTENANCE

- The self-contained disposable reagent pack houses both the reagent and waste containers
- When reagent pack is low, prompts indicate replacement requirements
- When not in use, SelectaLyte® operates in standby mode conserving reagents
- Maintenance free electrodes provide stable and dependable results
- Electrodes and tubing are easily accessed facilitating easy replacement & minimal downtime

CONFIDENCE

- Dependable electrodes, reagent packs & QC materials
- Reliable hardware made from durable components
- Designed and manufactured in the USA
- Automatically monitors performance and stores use history





SelectaLyte[®]

ELECTROLYTE ANALYZER Na⁺ K⁺ Cl⁻

RELIABILITY & QUALITY

OWNchip[®] technology, a unique monitoring and smart performance system, designed to ensure that the reagent pack and electrodes being used are up to date and reports on instrument calibrations helping to maintain optimal instrument performance.

Three-level assayed quality control kit used for monitoring the performance of the SelectaLyte[®] system and ensuring consistent results.

SelectaLyte[®] performs automated NIST-traceable calibrations of Na⁺ K⁺ Cl⁻, Levey-Jennings options are also available with up to 31 points of correlation per analyte.

SelectaLyte[®] employs a self-wetting system with monitoring for bubbles or blockages within the sample pathway and on-screen warnings that alert the user that an addressable event has occurred.

Reliable Results when you need them, providing clinicians and laboratorians potentially life-saving information about their patients when every minute counts.



Semi-automated ISE Electrolyte Analyzer for Na⁺ K⁺ Cl⁻

Method	Point measurement by ion selective electrode
Sample type	Whole-blood, aqueous QC material
Sample size	50 µL
Measurement ranges	Sodium - 40-205 mmol/L Potassium - 1.5-15.0 mmol/L Chloride - 50-200 mmol/L
Sample probe	316 stainless steel
Vessels	Tubes up to 75 mm depth, sample cups
Electrodes	Sodium (Na ⁺) Potassium (K ⁺) Chloride (Cl ⁻)
Analysis time	60 - 70 seconds
Patient data storage	200 results with capability to assign a 15 character patient identifier, unlimited storage capacity via USB connection
QC data storage	270 (30 readings each of 3 controls for each of the 3 electrodes, includes Levey-Jennings)
Calibration	On demand or automatic at 4 hour intervals
Power requirements	100-240 VAC, 50 -60 Hz 55 W maximum
Physical dimensions	14" W. x 12" H. x 8" D. (35.5 cm x 30.5 cm x 20 cm)
Weight	With reagent pack 14.5 lbs (6.6 kg)
Display	Interactive touch screen 3.5" (9 cm) LCD, color graphic display
Interface	Via USB drive (included)
Printer	Thermal printer with graphic capability, 29 character width



ISO 13485:2016



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