



An ISO 13485: 2016 Certified Company

# **EdgeLyte**

Electrolyte Analyzer (Na+/K+/Cl-)



- Based on ISE Multi-biosensor technology
- Multi-biosensor module system for Na<sup>+</sup>, K<sup>+</sup> & Cl<sup>-</sup> detection in human blood/ serum/urine specimen
- LIS, HL7 & RS232 port support for external interface in high workload labs

## **EdgeLyte**

### Electrolyte Analyzer (Na+/K+/Cl-)





ISE based multibiosensor technology provides maintenancefree electrode



Higher throughput get sample results within 35 seconds!



On-display flags for abnormal results and different error alerts



**Durable Ceramic** Rotary Valve for continuous and smooth flow of reagent distribution



Various auto calibration & standby modes available: 2 hour, 4 hour and 8 hour!



Multilevel QC & Calibrator for higher results accuracy



User friendly software operation and quick troubleshooting



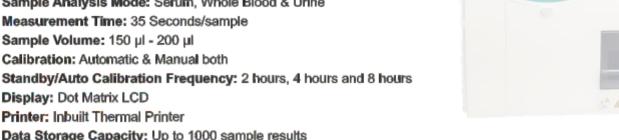
Up to 1000 sample data storage, easy to review



Closed reagent pack, easy to replace

#### Specifications

- Principle: Direct Ion Selective Electrode (ISE)
- Method: Advanced Multi Biosensor Technology
- Parameters: Na+/K+/CI-
- Sample Analysis Mode: Serum, Whole Blood & Urine
- Sample Volume: 150 µl 200 µl
- Calibration: Automatic & Manual both
- Display: Dot Matrix LCD
- Data Storage Capacity: Up to 1000 sample results
- External Connectivity: RS232 port support, external barcode reader and LIS/HL7 system support
- Reagents pack size: 1270 ml
- Control & Calibration: 3-Level, manual & automatic calibration



#### Linearity & Accuracy

Parameter	Linearity Range (mmol/L)	Accuracy (CV)	Resolution (mmol/L)
K <sup>+</sup>	0.50 - 20.00	≤ 1.0 %	0.01
Na <sup>+</sup>	15-200.00	≤ 1.0 %	0.1
CI <sup>-</sup>	15-200	≤ 1.0 %	0.1

- ▶ Power Requirement: Voltage: (100-240V~) ±10%, Input power: 100-120VA, Frequency: (50Hz/60Hz) ±1Hz
- Environmental Condition: Room temperature, 15 °C -35 °C
- Relative Humidity: 15% 85%, Atmospheric Pressure: 70 kPa-110 kPa
- Weight: 5 Kg
- Dimension (L X W X H): 340mm x 240mm x 405mm



To know more scan the QR Code









