

Advanced Multi-Biosensor Technology Life Time Free Electrode

**Electrolyte Analyzer
(Na⁺, K⁺, Cl⁻)
With integrated Autoloader**



OBio...
Supporting Care to Cure
A Division of Orchard Medical



19 Sample Position & 1 Emergency Sample Position

OBio E- 3 AL Na/K/Cl



ISE based Multibiosensor
Technology provides
maintenance
Free 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 & smooth
Flow of reagent distribution



Various Auto calibration &
standby mode available
2 hour, 4 hour and 8 hour!



Multilevel QC &
Calibrator for
higher results accuracy



5.6" Touch Screen Display
User friendly software
Operation and quick
troubleshooting



Up to 6000 sample data
storage easy to review



Closed reagent pack
Easy to replace available
bigger pack size

OBio E- 3 AL Na/K/Cl

Specifications

- **Principle:** Direct Ion Selective Electrode (ISE)
- **Method:** Advanced Multi Biosensor Technology
- **Parameters:** Na⁺, K⁺, Cl⁻
- **Sample Analysis Mode:** Serum, Whole blood & Urine
- **Auto loader Sample Position:** 19 sample Position & 1 emergency sample position
- **Measurement Time:** 35 Seconds/sample
- **Sample Volume:** 150 ul-200 ul
- **Calibration:** Automatic & Manual both
- **Standby/Auto Calibration Frequency:** 2 hours, 4 hours and 8 hours
- **Display:** 5.6" Touch Screen Display
- **Printer :** Inbuilt Thermal Printer
- **Data Storage Capacity :** Up to 6000 sample results
- **Reagents with Packsize:** 1270ml
- **External Connectivity:** RS232 port support external barcode reader and LIS/HL7 system support
- **Control & Calibration:** 3-level, manual & automatic calibration

Electrolyte Analyzer (Na⁺, K⁺, Cl⁻)



Linearity & Accuracy

Parameter	Linearity range (mmol/L)	Accuracy (CV)	Resolution (mmol/L)
K ⁺	0.50-20.00	≤ 1.0%	0.01
Na ⁺	15-200.0	≤ 1.0%	0.1
Cl ⁻	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:** Net- 9 Kg
- **Dimension:** (L X W X H): 350 x 340 x 450mm

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