

# Advanced Multi-Biosensor Technology Life Time Free Electrode

## Electrolyte Analyzer (Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>)

### OBio E- 3 Na/K/Cl



ISE based Multibiosensor  
Technology provides  
maintenance  
Free Electrode



Durable Ceramic  
Rotary Valve for  
continuous & smooth  
Flow of reagent distribution



User friendly software  
Operation and quick  
troubleshooting



Higher throughput  
Get sample results  
within 35 seconds!



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



Up to 1000 sample data  
storage easy to review



On display flags  
for abnormal results  
and different error alerts



Multilevel QC &  
Calibrator for  
higher results accuracy



Closed reagent pack  
Easy to replace available  
bigger pack size



**OBio...**

Supporting Care to Cure

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# O Bio E- 3 Na/K/Cl

## Specifications



- **Principle:** Direct Ion Selective Electrode (ISE).
- **Method:** Advanced Multi Biosensor Technology
- **Parameters:** Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>
- **Sample Analysis Mode:** Serum, Whole blood & Urine
- **Measurement :** Time: 35 Seconds/sample
- **Sample Volume:** 150 ul-200 ul
- **Calibration:** Automatic and Manual both
- **Standby/Auto Calibration Frequency:** 2 hours, 4 hours and 8 hours
- **Display:** 5.6" Screen
- **Printer:** Inbuilt Thermal Printer
- **Data Storage Capacity:** Up to 1000 sample results
- **External Connectivity :** RS232 port support external barcode reader and LIS/HL7 system support
- **Reagents with 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>	15-200.0L	≤ 1.0%	0.1
Cl <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): 340 x 240 x 405mm

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