

# H900 Electrolyte Analyzer



## H900 Electrolyte Analyzer

- 7" Color touch screen, easy to operate
- High accurate and long life electrode
- Programmable multi-format print-out
- Reagent pack, real time monitoring of reagent volume
- Up to 50,000 test results can be stored
- RS-232 port, supporting bar code reader
- Sleep mode to reduce reagent consumption
- Sample tray (primary tube, microtube, bullet cup and Tal cup option)

# H900 Electrolyte Analyzer

## Parameter Configuration

- K, Na, Cl
- K, Na cl, ica, nca, Tca, PH

## Specification

Sample : Serum, Plasma, whole blood  
CSF & Dilute urine

Dimension : 340 mm (L) x 200 mm (W)  
x 380 mm (H)

Net Weight : 6 K.g.

Measuring Time :  $\leq 25$  s  
Sample Volume : 60 - 300 ul  
Storage : upto 10,000 Results  
Printer : Internal Thermal Printer  
Interface : RS 232 port

## Working Environment

Temperature : 10-30°C  
Relative Humidity :  $\leq 80\%$   
Atmospheric Pressure : 86 - 106 kPa  
Power Supply : AC 220V  $\pm$  22V, 50HZ  
Power :  $\leq 120$  Watt

Parameter	Measuring Range	Resolution	Measuring Precision (CV%)
K <sup>+</sup>	0.5 - 20.0 mmol/L	0.01 mmol/L	$\leq 1.0\%$
Na <sup>+</sup>	15 - 200 mmol/L	0.1 mmol/L	$\leq 1.0\%$
Cl <sup>-</sup>	15 - 200 mmol/L	0.1 mmol/L	$\leq 1.0\%$
Ca <sup>++</sup>	0.1 - 6.0 mmol/L	0.01 mmol/L	$\leq 1.0\%$
Li <sup>+</sup>	0.1 - 5.0 mmol/L	0.01 mmol/L	$\leq 2.0\%$
PH	4 - 9 PH	0.01 PH	$\leq 0.5\%$
TCO <sub>2</sub>	2.0 - 70.0 mmol/L	0.1 mmol/L	$\leq 3.0\%$

## Main Features :

- Friendly UI; Dynamic & real time display of sample ID.
- Liquid level automatic detection & alarming real time diagnostic of system working status.
- Automatically detect and filter tiny bubbles to avoid clog and ensure accurate measurement.
- Wave flushing method & direct flushing pipe method to avoid block & crossed contamination.
- Automatic calibration and two point correction to adjust slope and intercept; Available to print-out QC graph and QC statistical parameters.
- Power failure protection for data storage upto 50,000 results.
- HL7/AS7M LIS communication; supporting RTC clock management.
- Minimum consumption, reduce consumable cost.



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