

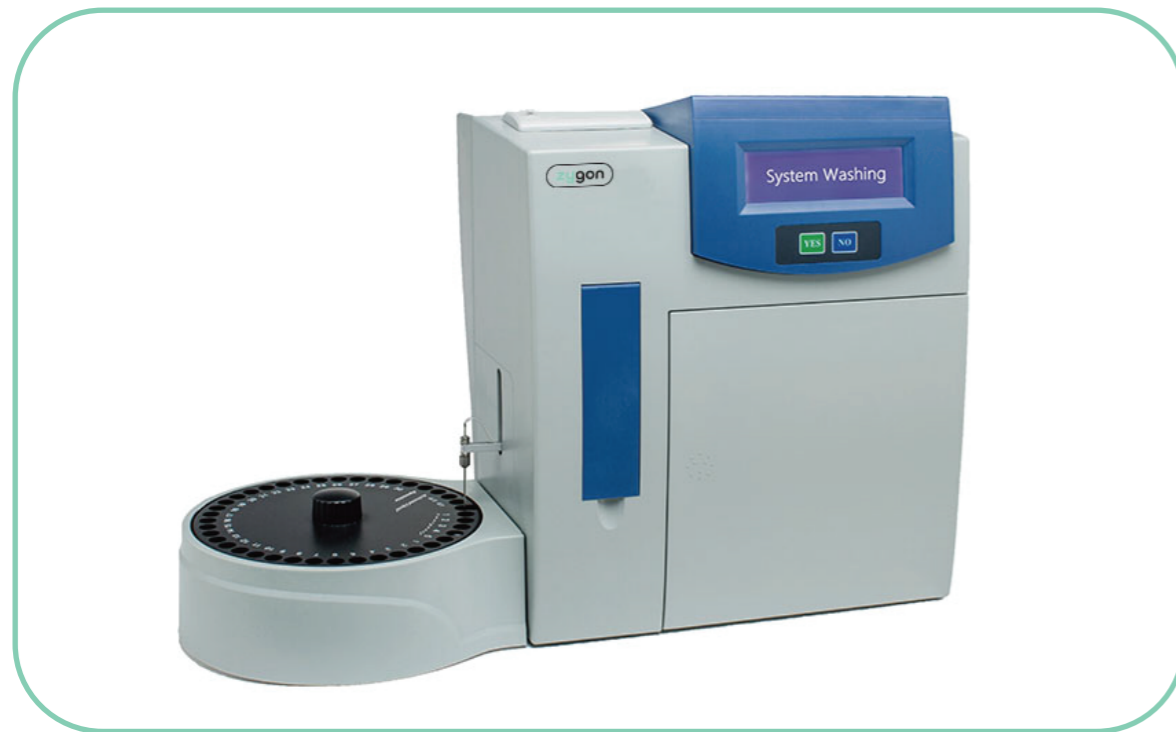


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# ELECTROLYTE ANALYZER HEA-100 AAA



# Electrolyte Analyzer



## Description

Electrolyte analyzers are indispensable in clinical testing. In clinical practice, it mainly tests and maintains the balance of osmotic pressure in human blood and body fluids; in surgery, burns, diarrhea, acute myocardial infarction and other patients who need a large amount of balanced fluid replacement, the test and detection of ions are very important.

HEA Series Electrolyte Analyzers are highly precise and accurate, providing accurate, reliable, fast, and easy-to-use results for any sample. Therefore, ion detection is an essential general equipment for hospitals at all levels.

## Key Features

### Economical and Practical

A product with a high usage rate and a wide range of users. Switch on and off at any time, saving reagents, reagent test cost  $\leq$  \$0.2

The cost of consumables is low, and the hospital can quickly recover the cost within a few months

### Easy to Operate

The instrument only has YES and NO keys, concise menu display, simple and clear operation

Optional automatic sampling, calibration is simple and practical.

### Accurate Measurement

Adopt advanced ion measuring technology to ensure accurate measurement.

Imported electrode raw materials, long service life.

German CO2 sensor with a service life of up to 10 years.

Adopt automatic potential tracking correction technology to ensure measurement stability.

# Advanced Technology



### Automatic Detection

Automatic detection and filtering of fine air bubbles, waste liquid overflow alarm function



### Efficient

One analysis can do up to 9 items and 11 parameters (specific version)



### LIS System

It can be connected to the LIS system to facilitate hospital management



### Easy to Operate

The user can switch the instrument on and off at any time 24 hours as needed to save costs



### Power-off

With power-off protection function, the results can be automatically stored up to 10,000 sets of data



### Automatic Flushing

After sample analysis, it has automatic flushing function to keep the electrode in good standby condition



### Automatic Functions

Optional automatic sample feeding tray, with automatic cup-seeking detection system

## Measuring Range, Resolution and Accuracy

Items	Measuring Range	Resolution	Measurement accuracy (CV%)
K	0.5—20.0 mmol/L	0.01mmol/L	≤1.0%
Na	15—200 mmol/L	0.1mmol/L	≤1.0%
Cl	15—200 mmol/L	0.1mmol/L	≤1.0%

## Specifications

<b>General Information</b>	Test item	K, Na, Cl
	Sample Types	Serum, Plasma, Whole blood, Cerebrospinal fluid and diluted urine
	Sample consumption	60-300μL(Item 3 to item 11)
	Measuring technology	Ion Selective Electrode
	Analysis time	25-40 seconds
<b>Working Conditions</b>	Storage	Up to 10000 test results
	Printer	Internal thermal printer
	Ambient Conditions	15-40 °C( 60-104 F), ≤ 85% humidity
	Communication Interface	RS232
	Optional	Auto sampler: 39 positions (Including 5 emergency and 2 QC)
<b>Electrical Data</b>	Electricity	220V±20V AC, 50Hz-60Hz, ≤120W
<b>Dimensions</b>	Dimension	380 × 270 × 400mm
	Net weight	7kg