



IVE-1000B

Semi-auto Electrolyte Analyzer



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Technical Data

Specification:

Sample: serum, plasma, whole blood and diluted urine
 Analysis Method: ion selective electrode(ISE)
 Measuring time: ≤40s
 Storage: up to 10000 test results
 Printer: Internal thermal printer
 Interface: RS232 port
 Sample Volume: 100 µl

Working environment:

Temperature: 5°C~40°C_o
 Relative Humidity: 30%~85%_o
 Atmospheric pressure: 86~106 kPa
 Power supply: AC 100-240, 50/60Hz (12V Adaptor)
 Dimension: 334mm (L) *252mm (W) *365mm (H)
 Net weight: 5Kg

Measure Data

Items	Measuring Range	Resolution	Measuring Precision(CV%)
K ⁺	0.50-20.00mmol/L	0.01mmol/L	≤1.5%
Na ⁺	15.0—200.0mmol/L	0.1mmol/L	≤1.5%
Cl ⁻	15.0—200.0mmol/L	0.1mmol/L	≤1.5%
Ca ⁺⁺	0.10—6.00mmol/L	0.01mmol/L	≤2.0%
pH	4.00-9.00pH	0.01pH	≤2.0%
Li ⁺	0.10-6.00mmol/L	0.01 mmol/L	≤3.0%
Mg ⁺⁺	0.10-4.00mmol/L	0.01 mmol/L	≤3.5%

Main Features

- ▶ 7 "color touch screen, man-machine interaction interface and simple operation.
- ▶ With low cost of use, users can recover the cost in a short time generally.
- ▶ Because the cost of consumables are low, only accounting for a fraction of imported materials.
- ▶ Up to six items and nine parameters can be measured in one sample analysis.
- ▶ Auto control of reagent usage, sample and tube status.
- ▶ With power cut-out protection, it can automatically store the data including 10000 test results.
- ▶ After sample analysis, there is automatical flushing function to keep the electrodes in good condition.
- ▶ Connected to LIS system, QC graph and QC statistics can be printed for hospital management.
- ▶ The original wave flushing and direct injection tube reduce blockage and cross pollution.
- ▶ With error warning and automatical troubleshooting, it can enhance the efficiency of work.

Model No. Configuration

IVE-1000B	K Na Cl iCa nCa TCa pH
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