

HC-B020J

● Electrolyte Analyzer



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Features

- Compact, cost-efficient and easy-to-use
- Excellent precision and reliability
- Long life, high performance, maintenance - free electrodes
- Automatic sampling, washing and calibration
- Touch screen ,large LCD display
- Internal thermal printer, supporting barcode reader
- Auto sampler (optional) offering 26 positions (with 2 for emergency positions)
- Barcode reader (optional) for positive identification of patient samples

Specifications

Principle
Sample
Sample volume
Throughput
Data storage
Calibration
Input
Display
Output

Direct measurement by Ion Selective Electrode (ISE)
whole blood, serum, plasma, diluted urine
100~150 μ l
up to 60 samples/h
up to 500 patient result
Automatic or On-demand
Touch-screen
Large LCD with backlight
Internal thermal recorder, RS-232 serial port

Working Environment
Input voltage
Power consumption
Dimension
Weight

Temperature : 10°C~30°C
Relative humidity : 20%~85%,
AC 220V/110V \pm 10%, 50/60Hz
60W
440mm \times 380mm \times 350mm (H \times W \times D)
Main unit -10 kg
Auto sampler (option) - 1.5 kg

Specifications

	Measuring range	Reproducibility(CV%)
K ⁺	0.50~15.00 mmol/L	\leq 1.0%
Na ⁺	30.0~200.0 mmol/L	\leq 1.0%
Cl ⁻	30.0~200.0 mmol/L	\leq 1.0%
Ca ²⁺	0.10~5.00 mmol/L	\leq 2.0%
pH	7.00~9.00 (unit)	\leq 1.0%
Li ⁺	0.30~3.00 mmol/L	\leq 3.0%



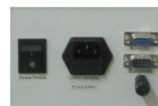
Simple and reliable design of fluid tubing system and electrodes, minimize the maintenance work



Automatic sampling and probe washing, Minimize the carry-over



Touch screen, user friendly software, easy to operate



RS-232 serial port & barcode reader port

Available Models

K⁺ / Na⁺
K⁺ / Na⁺ / Cl⁻
K⁺ / Na⁺ / Cl⁻ / Li⁺
K⁺ / Na⁺ / Cl⁻ / CO₂
K⁺ / Na⁺ / Cl⁻ / Ca²⁺ / pH
K⁺ / Na⁺ / Cl⁻ / Ca²⁺ / pH / CO₂