

Caretium

XI-921

Electrolyte Analyzer



REPORTS ISE RESULTS IN 60 SECONDS

**LARGE-SIZE
TOUCH SCREEN**

High-brightness,
Convenient operation



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Features

- Compact, economical and easy-to-use
- Excellent precision and reliability
- Long life, high performance, maintenance-free electrodes
- Automatic sampling, priming, rinsing and calibration
- Touch-screen large LCD display
- Internal thermal recorder
- Auto sampler optional

Specifications

Principle	Direct measurement by Ion Selective Electrode (ISE)
Sample	whole blood, serum, plasma, diluted urine
Sample volume	150 µl
Throughput	up to 60 samples/h
Data storage	up to 200 patient result
Calibration	Automatic or On-demand
Input	Touch-screen
Display	Large LCD with backlight
Output	Internal thermal recorder, RS-232 serial port
Ambient conditions	Temperature: 10°C-30°C Relative humidity: 20%-85%, non-condensing environment
Input voltage	AC 220V/110V ±10%, 50/60Hz
Power consumption	60W
Dimension	440mmx380mmx350mm (HxWxD)
Weight	Main unit-10 kg Auto sampler (option) - 1.5 kg

Specifications

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

Options

XI-921F	K ⁺ / Na ⁺ /Cl ⁻
XI-921A	K ⁺ / Na ⁺
XI-921B	K ⁺ / Na ⁺ / Cl ⁻ / HCO ₃ ⁻ / AG
XI-921C	K ⁺ / Na ⁺ / Cl ⁻ / Ca ²⁺ / pH
XI-921D	K ⁺ / Na ⁺ / Cl ⁻ / Ca ²⁺ / pH / HCO ₃ ⁻ / AG
XI-921E	K ⁺ / Na ⁺ / Cl ⁻ / Li ⁺