

Caretium

ISO 13485:2003 (04708Q10000157)
ISO 9001: 2000 (04708Q10163R1S)



XI-921 Series

● Electrolyte Analyzer



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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 μ L
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 $\pm$ 10%, 50/60Hz
Power consumption	60W
Dimension	440mm $\times$ 380mm $\times$ 350mm (H $\times$ W $\times$ D)
Weight	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

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 ⁺