



# Caretium

## XI-921C Electrolyte analyzer



- 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 recorder supporting barcode reader
- Auto sampler optional

## Specifications

Principle: Direct measurement by Ion Selective Electrode (ISE)  
Sample: Whole blood, serum, plasma, diluted urine  
Sample volume 100~150µL  
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  
Working Environment: Temperature: 15°C~32°C  
Relative humidity: 85%  
Input voltage: AC 220V/110V ±10%, 50/60Hz  
Power consumption: 60W  
Dimensions: 440mm×380mm×350mm (H×W×D)  
Weight Main unit –10kg  
Auto sampler (option) – 1.5kg

	Measuring range	Reproducibility (CV%)
K+	0.50~15.00 mmol/L	≤1.5%
Na+	30.0~200.0 mmol/L	≤1.0%
Cl-	30.0~200.0 mmol/L	≤1.5%
Ca <sup>2+</sup>	0.10~5.00 mmol/L	≤2.0%
Li+	0.20~3.00 mmol/L	≤3.0%
pH	4.00~9.00 unit	≤1.0%

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



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