



**i3** (for Na, K, Cl)  
**i4** (for Na, K, Cl, CO<sub>2</sub>)  
 ● 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**

<b>Principle</b>	Direct measurement by Ion Selective Electrode (ISE)	<b>Working Environment</b>	Temperature : 10°C-30°C Relative humidity : 20%-85%
<b>Sample</b>	whole blood, serum, plasma, diluted urine	<b>Input voltage</b>	AC 220V/110V ±10%, 50/60Hz
<b>Sample volume</b>	100-150 µl	<b>Power consumption</b>	60W
<b>Throughput</b>	up to 60 samples/h	<b>Dimension</b>	440mm×380mm×350mm (H×W×D)
<b>Data storage</b>	up to 500 patient result	<b>Weight</b>	Main unit -10 kg Auto sampler (option) - 1.5 kg
<b>Calibration</b>	Automatic or On-demand		
<b>Input</b>	Touch-screen		
<b>Display</b>	Large LCD with backlight		
<b>Output</b>	Internal thermal recorder, RS-232 serial port		

**Specifications**

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

**Available Models**

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