

Specifications

(Na⁺/K⁺/Cl⁻, Na⁺/K⁺/Li⁺)

CLIA Classification:	Moderate complexity	
Sample Type:	Whole blood, serum, plasma, or diluted urine	
Sample Size:	55 µL Sample Container mode; 50 µL Capillary mode; 300 µL Urine mode	
Method:	Direct measurement by Ion Selective Electrode (ISE)	
Measurement Range:	Blood	Display Resolution
Na+	100 – 200 mmol/L	0.1 mmol/L
K+	1.0 – 10.0 mmol/L	0.01 mmol/L
Cl-	50 – 150 mmol/L	0.1 mmol/L
Li+	0.20 – 3.50 mmol/L	0.01 mmol/L
	Urine	Display Resolution
Na+	10 – 300 mmol/L	1 mmol/L
K+	2 – 200 mmol/L	0.1 mmol/L
Cl-	15 – 400 mmol/L	1 mmol/L
Input Parameters:	Patient ID 9 digits	
Analysis Time:	35 seconds, serum; 60 seconds, urine	
Data Storage:	Patient results — up to 64 samples QC results — up to 31 each Normal, Low, and High	
Calibration:	Automatic or On-Demand	
Input/Output:	Yes/No numeric keypad, 2 x 16 character display or graphic display, 27 column thermal printer, barcode reader port, Serial port (RS-232), computer interface port	
Ambient Conditions:	15 – 32°C (59 – 90°F) 5 – 90% relative humidity, non-condensing atmospheric air environment	
Power:	100/120/230V ~ +/- 10%, 50/60 Hz, 0.8/0.8/0.4A	
Size & Weight:	14.5" W x 12.5" H x 7" D (37 cm W x 32 cm H x 18 cm D) 17 lbs. (7.3 kg) with reagent module.	
Approvals:	Combined Canada/US UL mark. In compliance with IEC 1010-1 CE mark (EN 61326; EN 55011; EN 61010-1)	

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EasyElectrolytes™

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EasyElectrolytes™

easy inside and out

- **Easy to Use**

Simple, Yes/No prompted Operation
 Universal Sampler for both sample container and capillary samples
 Calibrants contained in a single reagent module
 Fast results; Measured results ready in 35 seconds on a 55 µL serum sample

- **Easy to Maintain**

Routine maintenance limited to replacement of electrodes and a single pump tube
 Modular design allows for fast user maintenance at the customer site
 Self-contained reagent module with waste for easy disposal
 Automatic monitoring of calibration, electrode response, calibrant usage and other functions.

- **Easy to Afford**

Low analyzer purchase price
 Economical operation and low cost per test

- **Test Menu**

Measured: Na+, K+, Cl- or Li+



Valve Module selects calibrants and rinse solutions

Sensor Module contains universal sampler with self-wiping probe for convenience and safety

Maintenance-free Electrode design permits fast, fail-safe installation



Sample Container Sampling



Capillary Sampling

EasyElectrolytes can be maintained by anyone, anytime, anywhere

Innovative design simplifies maintenance, addressing the needs of the remote laboratory with limited access to technical service personnel. All service calls can be performed by fax or telephone, eliminating the need for on-site service. Diagnostic software displays component status, assuring quick troubleshooting. Modularity makes assembly and disassembly quick and easy.

Removal of the three plug-in modules – Reagent Module, Sensor Module and Valve Module – is accomplished without tools.

Electrolyte analyzer operation has never been simpler

The Universal Sampler accepts samples in syringes, capillary tubes and sample containers without adaptors. The sample probe's self-wiping feature provides convenience, sample integrity and user safety.