



Specifications
(Na⁺/K⁺, Na⁺/K⁺/Cl⁻, Na⁺/K⁺/Li⁺, Na⁺/K⁺/Ca⁺⁺/pH)

CLIA Classification:	Moderate Complexity			
Sample Type:	Whole Blood, Serum, Plasma or Urine			
Sample Size:	100 µL Whole Blood, Serum, Plasma, 60 µL capillary or 400 µL diluted (1:10) Urine			
Method:	Direct measurement by Ion Selective Electrode (ISE)			
Measurement Range:	Blood		Urine	
	Na ⁺ : 20 – 200 mmol/L		Na ⁺ : 25 – 1000 mmol/L	
	K ⁺ : 0.2 – 40 mmol/L		K ⁺ : 1.0 – 500 mmol/L	
	Cl ⁻ : 25 – 200 mmol/L		Cl ⁻ : 25 – 500 mmol/L	
	Li ⁺ : 0.2 – 5.0 mmol/L			
	Ca ⁺⁺ : 0.1 – 6.0 mmol/L			
	pH: 6.0 – 8.0 Units			
Display Resolution:	Na ⁺ : 0.1 mmol/L	K ⁺ : 0.01 mmol/L	Cl ⁻ : 0.1 mmol/L	
	Li ⁺ : 0.01 mmol/L	Ca ⁺⁺ : 0.01 mmol/L	pH: 0.005 units	
Analysis time (blood)	Na ⁺ /K ⁺ 55 sec	Na ⁺ /K ⁺ /Cl ⁻ 55 sec	Na ⁺ /K ⁺ /Li ⁺ 55 sec	Na ⁺ /K ⁺ /Ca ⁺⁺ /pH 60 sec
Urine Mode	Yes	Yes	Yes	No
Analysis time (urine)	90 sec	90 sec	90 sec	N/A
EasySampler	Yes	Yes	Yes	No
Capillary Samples	Yes	Yes	Yes	No
Data Storage:	Patient results — up to 128 samples QC results — up to 20 each Normal, Low, and High			
Calibration:	Automatic or On-Demand			
Output:	128 x 64 pixel graphic display 24 column thermal printer Serial port (RS-232), EasySampler port			
Ambient Conditions:	15–32°C (60–90°F), <85% humidity			
Power:	100-240 VAC 50/60 Hz, 0.8A			
Size & Weight:	9.5"W x 16.5"H x 8.0"D (24 cm W x 42 cm H x 20 cm D) 13 lbs. (5.8 kg)			

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EasyLyte www.medicacorp.com

Na⁺/K⁺
 Na⁺/K⁺/Cl⁻
 Na⁺/K⁺/Li⁺
 Na⁺/K⁺/Ca⁺⁺/pH



EasyLyte

easy inside and out

• Easy to Use

- Simple, menu-driven, Yes/No prompted operation
- Whole blood, serum, plasma or urine samples
- Results printed automatically in less than 60 seconds
- Automatic or on-demand calibration
- Automatic probe wiping

• Easy to Maintain

- All calibrants contained in convenient, disposable solutions pack
- All waste collected in solutions pack
- Disposable electrodes require no maintenance
- Modular design makes maintaining analyzer simple and fast

• Easy to Afford

- Low analyzer purchase price
- Low cost per test

• Available in four models:

- **EasyLyte** Na⁺/K⁺
- **EasyLytePLUS** Na⁺/K⁺/Cl⁻
- **EasyLyteLithium** Na⁺/K⁺/Li⁺
- **EasyLyteCalcium** Na⁺/K⁺/Ca⁺⁺/pH



Self-contained Solutions Pack contains liquid calibrants and collects all waste, eliminates sample contact

Modular, maintenance-free electrodes



Pressing Yes or No buttons is all that is required to analyze serum, plasma or whole blood

Yes No



Cl⁻



Internal printer prints patient results, calibration values, quality control data, and results summaries, flagging abnormal results

K⁺



Capillary sampler is removable and disposable



EasySampler

- The modular EasySampler connects quickly to the EasyLyte Na/K, Na/K/Cl, and Na/K/Li analyzers, enhancing laboratory performance.
- 21 sample positions
 - Dedicated Stat position
 - Normal/Abnormal QC positions
 - Optional auto-repeat of out-of-range values

Li⁺

pH

Analyzer software insures ease of operation

- Software computes quality control statistics, flags abnormal results, and monitors performance.
- Two button operation
 - Automatic calibration
 - User-friendly menu

Ca⁺⁺

Na⁺

