

EasyLyte

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MEDICA

Products for Health Care

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** $\text{Na}^+/\text{K}^+/\text{Cl}^-$
- **EasyLyteLithium** $\text{Na}^+/\text{K}^+/\text{Li}^+$
- **EasyLyteCalcium** $\text{Na}^+/\text{K}^+/\text{Ca}^{++}/\text{pH}$



Modular, maintenance-free electrodes



Cl⁻



Internal printer prints patient results, calibration values, quality control data, and results summaries (daily/weekly/all), flags abnormal results

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



K⁺



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



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

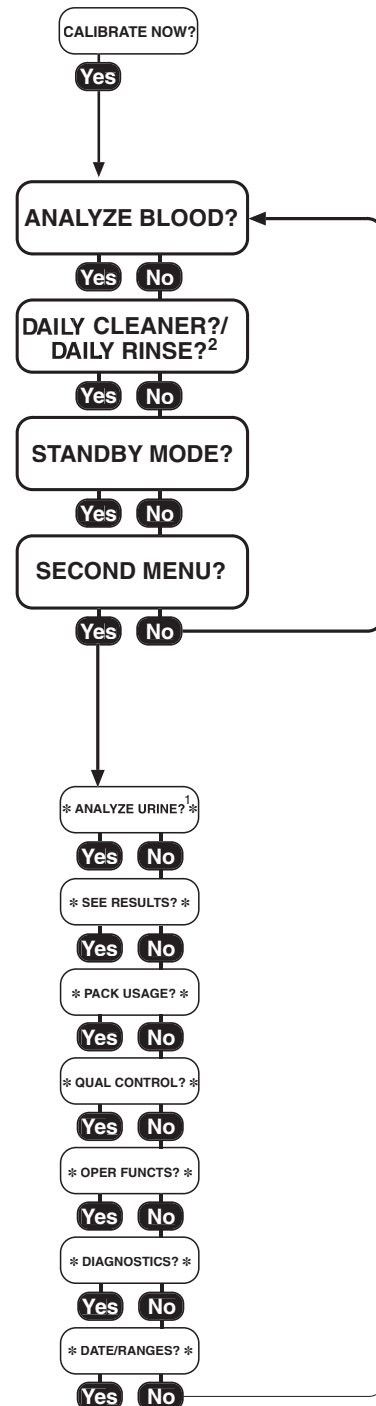
Analyzer software insures ease of operation

Software computes quality control statistics, flags abnormal results, and monitors performance.

- Two button operation
- Automatic calibration
- User-friendly menu

Ca++

Na+



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

CLIA Classification:	Moderate Complexity						
Sample:	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)						
Detection Range:	Blood	Na ⁺ :	20–200 mmol/L	Urine	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
FEATURE	Na ⁺ /K ⁺		Na ⁺ /K ⁺ /Cl ⁻		Na ⁺ /K ⁺ /Li ⁺		Na ⁺ /K ⁺ /Ca ⁺⁺ /pH
Analysis time (blood)	55 sec		55 sec		55 sec		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:	32 character, 2-line alphanumeric display						
	40 column thermal printer						
	Serial port (RS-232C), EasySampler port						
Ambient Conditions:	15–32°C (60–90°F), <85% humidity						
Power:	100/115–VAC, 50–60 Hz, 0.8A or 220–VAC, 50-60 Hz 0.4A						
Size & Weight:	9.5"W x 16.5"H x 8.0"D, 13 lbs; 24 cm x 42 cm x 20 cm, 5.8 kg.						