



Raj Biosis Private Limited



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 (NaK, NaKCl, NaKLi) 100 µL Heparinized Whole Blood (Na/K/Ca/pH)			
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			
	nCa : Normalized Calcium			
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 ⁺	Na ⁺ /K ⁺ /Cl ⁻	Na ⁺ /K ⁺ /Li ⁺	Na ⁺ /K ⁺ /Ca ⁺⁺ /pH
	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:	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)			

Exclusively Marketed in India by :

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Na⁺/K⁺

Na⁺/K⁺/Cl⁻

Na⁺/K⁺/Li⁺

Na⁺/K⁺/Ca⁺⁺/pH

TRANSASIA[®]
No.1 Diagnostic Company in India



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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^+
- **EasyLyte PLUS** $\text{Na}^+/\text{K}^+/\text{Cl}^-$
- **EasyLyte Lithium** $\text{Na}^+/\text{K}^+/\text{Li}^+$
- **EasyLyte Calcium** $\text{Na}^+/\text{K}^+/\text{Ca}^{++}/\text{pH}$



Modular, maintenance-free electrodes



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



Cl^-



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

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 $\text{Na}^+/\text{K}^+/\text{Na}^+/\text{K}^+/\text{Cl}^-$ and $\text{Na}^+/\text{K}^+/\text{Li}^+$ analyzers, enhancing laboratory performance.

- 21 sample positions
- Dedicated position
- Normal/Abnormal QC positions
- Optional auto-repeat of out-of-range values



pH

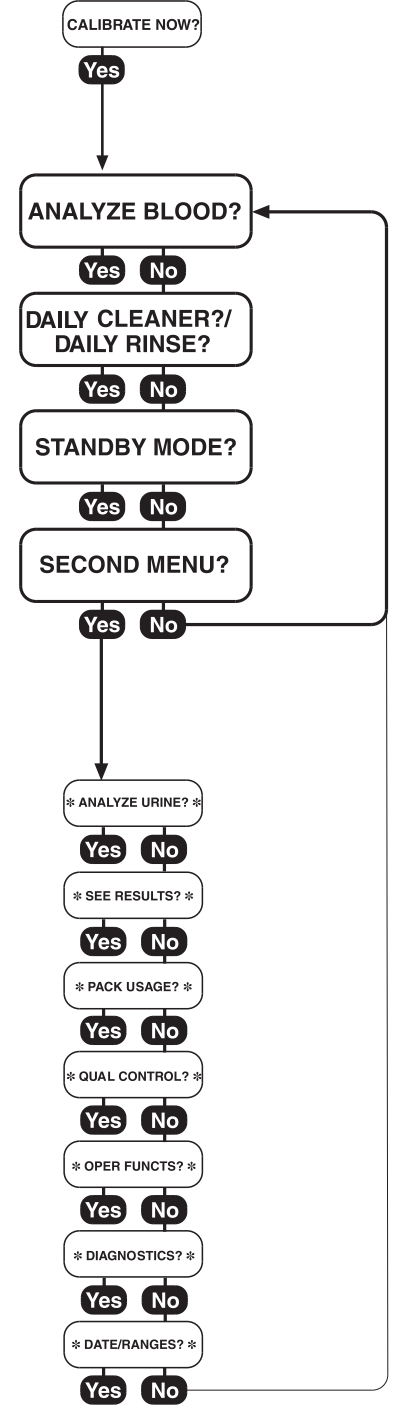
Analyzer software ensures ease of operation

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

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

Ca^{++}

Na^+



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