

MaxLYTE

ELECTROLYTE ANALYZER



Analyzer's Advantages



Easy to Operate



Accurate Results



Minimal Maintenance



Economical

- + Measuring Time 55 Seconds
- + 1000 Samples Per Pack
- + Alphanumeric Keypad
- + Minimal Sample Volume (120 μ L)
- + Long Life & Maintenance Free Electrodes

MaxLYTE

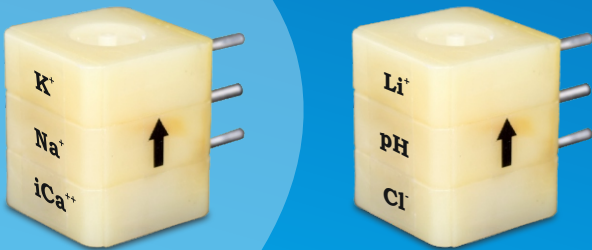
ELECTROLYTE ANALYZER

FEATURES

- Dispense 120 µL sample and acquire 8 different Critical Care results.
Electrolytes : Na⁺, K⁺, iCa⁺⁺, Li⁺, pH, Cl⁻.
Calculated Parameters : nCa, TCa.
- Compact, Economical and Easy to use.
- Excellent Precision and Reliability.
- Long life & Maintenance-free Electrode Blocks.
- Integrated Parameter conversion functionality.
- One set of Reagent Pack is common for all 10 Combinations.
- Intelligent Reagent Pack with Electronic Chip.
- Extremely low cost per test.
- Optional battery backup & much more.

SPECIFICATIONS

- Principle : Direct measurement with ion selective electrode (ISE).
- Parameters : This functionality allows the change of analytes.
- Sample Type : Whole Blood, Serum, Plasma, CSF and Diluted Urine.
- Sample Volume: 120 µL for Whole Blood, Serum, Plasma, CSF & 500 µL for Diluted Urine.
- Calibration : Automatic or On-Demand
- Analysis Time : 55 Seconds.
- Throughput : 55 Samples / hour.
- Data Storage : 10000 Samples, 250 Urine & 100 QC
- Ambient Condition : Storage & Operating Temperature 5°C to 40°C (41°F to 104°F)
Relative humidity 10-90%
- Display : 128 x 64 graphics display with Alphanumeric Keypad.
- Connectivity : USB Type B Port (LIS).
- Print out : Built-in 2 inch 24 column thermal printer.
- Power Supply : 100-240V AC, 50/60Hz, 1.4A
- Size & Weight : 9" W x 15.7" H x 12.6" D,
Weight: 5.4 kg (without reagent pack).
- Battery : Optional (2 hours in standby mode).



Parameter	Measuring Range Blood	Reproducibility (CV%)	Measuring Range Urine	Reproducibility (CV%)
Na ⁺	20.0 - 200.0 mmol/L	< 1.0%	25 - 1000 mmol/L	< 5.0%
K ⁺	0.2 - 40.0 mmol/L	< 2.0%	1.0 - 500 mmol/L	< 5.0%
Cl ⁻	25.0 - 200.0 mmol/L	< 1.0%	25 - 500 mmol/L	< 5.0%
iCa ⁺⁺	0.1 - 6.0 mmol/L	< 2.0%	***	***
Li ⁺	0.2 - 5.0 mmol/L	< 2.0%	***	***
pH	6.5 - 8.0	± 0.03	***	***

Electrolyte Analyzer Models

Electrode Parameters

BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺
Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺
B	B	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺
B	B	B	B	Li ⁺	pH	Li ⁺	pH	Li ⁺	Li ⁺
B	B	B	B	B	B	pH	B	B	pH
B	Cl ⁻	B	Cl ⁻	B	B	B	Cl ⁻	Cl ⁻	Cl ⁻
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

Parameter Combinations