

# *StatLyte*

**The True  
Multiparameter  
Electrolytes  
Analyzer**



**High Performance ISE Measurement**

# StatLyte

## The True Multiparameter Electrolytes Analyzer



### Easy Electrolytes Measurement

- ◆ Parameter Profile  
Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>  
Na<sup>+</sup>, K<sup>+</sup>, iCa<sup>++</sup>  
Measure up to 3 additional parameters:  
iCa<sup>++</sup>/Cl<sup>-</sup>, Li<sup>+</sup> and pH
- ◆ Parameter conversion functionality for quick change of Analyte.
- ◆ Easy to use automatic sampling, probe wiping and calibration.
- ◆ Long life maintenance free electrodes.
- ◆ Intelligent reagent pack with reagent management system
- ◆ Compact and Economical - low operating and maintenance cost.
- ◆ Reliable and precise analysis with competent service support.

### Technical Specifications

Technology	ISE (Ion Selective Electrode)
Sample	Whole blood, serum, plasma, CSF and diluted urine
Sample Volume	130 µl . 500 µl for diluted urine (1:5 ratio)
Analysis Time	65 secs (Blood), 80 secs (Urine)
Calibration	Automatic or on demand
Display	128 X 64 graphic display with Y/N numeric board
Printer	24 column Thermal printer
Data Storage	100,000 patient results / 25,000 urine results and 100 QC results
Interface	USB (LIS)
Ambient Conditions	Temperature 15° - 37° C, Humidity < 85%
Input Voltage	100-115 VAC / 220 VAC, 50-60 Hz, 0.75 A
Dimensions, Wt.	33.5 (H) X 30.1 (W) X 30.6 (D) cms / 6 Kg.

Parameter	Measuring Range - Blood	Reproducibility (CV%)	Measuring Range - Urine	Reproducibility (CV%)
Na <sup>+</sup>	20.0 - 250.0 mmol/L	<1.0%	25.0 - 1000.0 mmol/L	<5.0%
K <sup>+</sup>	0.20 - 40.0 mmol/L	<2.0%	1.0 - 500.0 mmol/L	<5.0%
Cl <sup>-</sup>	25.0 - 200.0 mmol/L	<1.0%	25.0 - 200 mmol/L	<5.0%
iCa <sup>++</sup>	1.0 - 20.0 mg/dL	<2.0%	*****	*****
Li <sup>+</sup>	0.2-5 mmol/L	<2.0%	*****	*****
pH	6-8	<2.0%	*****	*****



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