



# ELECTROLYTE ANALYZER

K<sup>+</sup> Na<sup>+</sup> Ca<sup>++</sup> pH Cl<sup>-</sup>

BI-LYTE



## FEATURES

- Result in 15 seconds
- Accurate Results
- Barcode scanner compatible
- Mouse Compatible
- Direct Data transfer to PC
- PDF transfer to pendrive
- Inbuilt Average, SD & CV calculator for QC
- Hospital/Lab Name printable on reports
- Patient name printable on reports

## SPECIFICATION

Analysis Principle	Ion-selective electrode (ISE)
Analysis Time	Less than 50 seconds
Calibration	Automatic or Manual, 2-Point
Calibrators	Calibrator Pack (600 ml); RFID controlled
Temperature	10C - 40C
Throughput	70 samples/hr
Sample Input	From tube, syringe, capillary
Sample type	Whole blood, serum, plasma, urine
Measurement	Direct "Flow-Through" ISE
Sample size	100 ul
Patient Details	Name, Patient ID (keyboard/barcode/mouse) or auto-increment
Rinse Method	Automatic
Data Storage	More than 20,000
Printer; Display	Thermal 58mm built-in printer; 5" Touchscreen display
Data Transfer	On-screen recall, Pendrive (PDF), Direct to PC (txt file)
QC Data capacity	1000 samples QC
Power Requirement	165-242 V, 50/60 Hz
Dimension	210x190x360mm
Weight	5.1 kg

## RANGE & PRECISION

Parameters	Range	Resolution	CV in %
K <sup>+</sup>	02-10 mmol/L	0.01 mmol/L	< 2%
Na <sup>+</sup>	80-180 mmol/L	0.1 mmol/L	< 1%
Cl <sup>-</sup>	50-150 mmol/L	0.1 mmol/L	< 2%
Ca <sup>++</sup>	0.5-3.5 mmol/L	0.01 mmol/L	< 2%
pH	6.5-8.5 mmol/L	0.01 mmol/L	< 1%