



# Quicklyte<sup>SMART</sup>

Electrolyte Analyzer

K/Na/iCa/pH/Cl

K/Na/iCa/pH/Cl/HCO<sub>3</sub>

## Features

- 🕒 **Compact, Economical and Easy to use**
- 🕒 **Excellent precision and reliability**
- 🕒 **Long life, maintenance free electrodes**
- 🕒 **Automatic Calibration**
- 🕒 **Extremely low cost per test**
- 🕒 **Standby Mode (manual & Automatic)**



## Technical Specifications

- 🕒 **Principle** : Direct measurement with ion selective electrode (ISE).
- 🕒 **Parameter Conversion** : This functionality allows quick change of analyze.
- 🕒 **Sample** : Whole blood, serum, plasma, CSF and diluted urine (dilution ratio 1:5).
- 🕒 **Measuring time** : 65 sec.
- 🕒 **Data Storage** : 600 serum/plasma, 100 urine, 100 QC.
- 🕒 **Ambient conditions** : Temperature 5°C - 40°C, < 85% non - condensing humidity.
- 🕒 **Output** : 128x64 graphics display with Y/N numeric keypad.
- 🕒 **Printer** : 24 column thermal printer, USB port.
- 🕒 **Input Voltage** : 100/115 VAC, 50-60 HZ or 220-VAC, 50-60Hz, 0.75amp.
- 🕒 **Size & Weight** : 30.1 cm W x, 35.5cmH x 30.6cm D, 8.260kg.

	Measuring Range	CV %
Na <sup>+</sup>	50.0-250.0 mmol/L	<1.0%
K <sup>+</sup>	0.50-20.00 mmol/L	<2.0%
Cl <sup>-</sup>	45.0-200.0 mmol/L	<2.0%
iCa <sup>++</sup>	1.0-20.0 mmol/L	<2.0%
Li <sup>+</sup>	0.2-5 mmol/L	<2.0%
pH	6.00-8.00	<2.0%
HCO <sub>3</sub>	22-28 mmol/L	<2.0%
Calculated Parameters TCO <sub>2</sub> , PCO <sub>2</sub> , BE, AG		

Inbuilt Parameter Selection	
Mode A	Na/K/Cl
Mode B	Na/K/iCa
Mode C	Na/K/iCa/pH
Mode D	Na/K/iCa/Cl
Mode E	Na/K/iCa/Li
Mode F	Na/K/iCa/pH/Cl
Mode G	Na/K/iCa/pH/Cl/HCO <sub>3</sub>



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