

# MICROLYTE

Na<sup>+</sup> | K<sup>+</sup> | Ca<sup>++</sup> | Li<sup>+</sup> | Cl<sup>-</sup> Analyzer

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## Features

- User friendly icon based operation integrated with advanced microprocessor
- Calibration cycle: Automatic of Programmable: 2 hrs / 4 hrs / 6 hrs, standby mode
- Liquid stable reagents - RFID reagent management in built
- Maintenance free ION SELECTIVE ELECTRODES
- Universal input voltage 95 to 265 V / 50-60 Hz
- Easy access for electrode assembly
- Automatic flagging for low/normal/high results with color code

## Sample type

Whole blood / Serum / Plasma  
Urine Samples / CSF

## Sample Volume

120ul Whole blood, Serum, Plasma  
150ul Capillary sample  
400ul Diluted (1:5) Urine sample

## Data Output

Ethernet / USB

## Printer

Thermal Graphic paper 57 mm wide  
Easy paper loading

## Quality Control

3 Controls per test - Low, Normal & High  
Quality control storage of the last 30 results  
Levy - Jennings Charts

## Sample Analysis

60 seconds for Whole blood, Serum,  
Plasma / CSF  
120 seconds for Urine sample

## LCD / Keyboard

Color - Touch Screen 5": 800 X 478

## Units:

mmol/L or meq/L

## Data Storage

1000 test results  
Memory: SD card - 8 to 32 GB

## Power / Dimention

Voltage	110-220V
Frequency	50-60 Hz
Maximum power	<40W
Temperature	10° to 35° C
Maximum Relative Humidity	80%
Dimensions	12x12x16 cms
Weight	8 Kgs



	Sodium - Na <sup>+</sup>	Potassium - K <sup>+</sup>	Chloride - Cl <sup>-</sup>	Calcium - Ca <sup>++</sup>
Measurement Range (Serum / Blood)	20-220	0.2-40	20-200	0.1-6.0
Measurement Range (Urine)	20-300	2-150	20-300	-
Resolution	0.1	0.01	0.1	0.01
Reproducibility (CV)	<1.5%	<1.2%	<1.5%	<1.5%
Within runs of 20 urine samples (CV)	≤6.4%	≤5.0%	≤5.0%	-

Technical specifications subject to change without prior notice

Product manufactured by Micro Lab Instruments  
An ISO 9001:2008 certified company

## Micro Lab Instruments

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