

MICROLYTE

Na⁺ | K⁺ | Ca⁺⁺ | Li⁺ | Cl⁻ Analyzer

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Features

- User friendly icon based operation
- Calibration cycle: Automatic of Programmable: 4 hrs / 8 hrs / standby mode
- Liquid stable reagents - RFID reagent management in built
- Universal input voltage 95 to 265 V / 50-60 Hz
- 8 to 32 GB storage

Sample type

Whole blood / Serum / Plasma
Urine Samples

Sample Volume

120ul Whole blood, Serum, Plasma
160ul Capillary sample
400ul Diluted (1:5) Urine sample

Data Output

Ethernet

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
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%
Dimention	12x12x16 cms
Weight	8 Kgs



	Sodium - Na ⁺	Potassium - K ⁺	Chloride - Cl ⁻	Calcium - Ca ⁺⁺	Lithium - Li ⁺
Measurement Range (Serum / Blood)	20-220	0.2-40	20-200	0.1-6.0	0.2-5.0
Measurement Range (Urine)	20-300	2-150	20-300	-	-
Resolution	0.1	0.01	0.1	0.01	0.01
Reproducibility (CV)	≤1.6%	≤1%	≤2%	<1.4%	<1.8%
Within runs of 20 urine samples (CV)	≤10%	≤5%	≤5%	-	-

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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