

MICROLYTE⁺®

Na⁺ | K⁺ | Ca⁺⁺ | Cl⁻ Analyzer

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Features

- User friendly icon based operation integrated with advanced microprocessor
- Calibration cycle: Automatic or Programmable: 2 hrs / 4 hrs / 6 hrs, auto 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
- Individual reagent pack to optimise cost per test

Sample type

Whole blood / Serum / Plasma
Urine Samples / CSF

Sample Volume

110ul Whole blood, Serum, Plasma
150ul Capillary sample
400ul Diluted (1:4) Urine sample

Data Output

Wi-Fi, USB

Printer

Thermal Graphic paper 57 mm wide
Easy paper loading

Units:

mmol/L or meq/L

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

Interface

Display: 7" color capacitive touch screen
Provision for USB barcode scanner

Data Storage

10,000 test results
Memory: SD card - 8 to 32 GB

Power / Dimension

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 ⁺	Potassium - K ⁺	Chloride - Cl ⁻	Calcium - Ca ⁺⁺
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 Microlab Instruments Pvt. Ltd.

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An ISO 9001 & ISO 13485 Certified Company



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