

MEDICA



EasyLyte PLUS

Medica Corporation
14 DeAngelo Drive
Bedford, Massachusetts 01730
USA

Products For Health Care

EasyLyte PLUS

Sodium/Potassium/Chloride Analyzer

EasyLyte PLUS combines easy Yes/No prompted operation, simple maintenance and reliability into one economical design. The 800mL solutions pack minimizes the need to change reagents and makes cost per test lower than ever before. Automatic probe-wiping ensures operator safety. Calibration is completely automatic and electrodes are maintenance-free with long life.



Customer support provided by Medica telephone hotline.



Pre-packaged reagents and waste reservoir in a plug-in, disposable pack eliminates sample contact and optimizes convenience.



Software computes quality control statistics, flags abnormal results, and monitors performance.



The modular EasySampler connects quickly to the EasyLyte, enhancing laboratory performance.

Customer Support

- Installation
- Troubleshooting
- Warranty Service
- Order Information

Easy Maintenance

- Modular Electrodes
- All Components Accessible
- Diagnostic Software
- 800 mL Solutions Pack for up to 1200 samples

Internal printer

- Patient Results
- Calibration Values
- Quality Control Data
- Result Summaries: Daily/Weekly/All

EasySampler

- 21 sample positions
- Dedicated STAT Position
- Normal / Abnormal QC Positions
- Optional Auto-Repeat of Out-of-Range Values

Specifications

Sample

Whole Blood, Serum, Plasma or Urine

Sample Size

100 μ L Whole Blood, Serum or Plasma
60 μ L Capillary Sample
400 μ L diluted (1:10) Urine

Detection Range:

Blood

Na⁺: 20–200 mmol/L
K⁺: 0.2–40 mmol/L
Cl⁻: 25–200 mmol/L

Urine

Na⁺: 25–1000 mmol/L (undiluted)
K⁺: 1.0–500 mmol/L (undiluted)
Cl⁻: 25–500 mmol/L (undiluted)

Analysis Time

60 sec (Blood)
90 sec (Urine)

Calibration

Automatic or On-Demand

Resolution

Na⁺: 0.10 mmol/L
K⁺: 0.01 mmol/L
Cl⁻: 0.10 mmol/L

Reproducibility

Typical Within Run (n=20)
Blood, Serum, Plasma
Na⁺: CV \leq 1% (80–200 mmol/L)
K⁺: CV \leq 2% (1–10 mmol/L)
Cl⁻: CV \leq 2% (80–200 mmol/L)

Urine

Na⁺: CV \leq 5% (80–200 mmol/L)
K⁺: CV \leq 5% (1–10 mmol/L)
Cl⁻: CV \leq 5% (80–200 mmol/L)

Data Storage

100 patient results
20 normal QC results
20 abnormal QC results

Output

16 place alphanumeric display
40 column printer
Serial port (RS-232)
AutoSampler port

Ambient Conditions

15–32° C (60–90° F), < 85% humidity

Power

100–115–VAC 50/60 Hz, 0.8 A or
220–VAC 50/60 Hz, 0.4 A
(Factory set)

Size & Weight

9.5" (24 cm) W x 16.5" (42 cm) H x
8.0" (20 cm) D, 13 lbs. (5.8 kg)

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GENERAL DE APARATOS ANALÍTICOS MÉDICOS SA DE CV



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