

# MEDICA

Results Within Reach Since 1983

## **EasyLyte**<sup>®</sup> [medicacorp.com](http://medicacorp.com)

*Na<sup>+</sup>/K<sup>+</sup>*

*Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>*

*Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>*

*Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH*

*Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Ca<sup>++</sup>*

*Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Li<sup>+</sup>*



# EasyLyte<sup>®</sup>

easy inside and out

- **Easy to Use**

Simple, menu-driven, Yes/No prompted operation

Whole blood, serum, plasma or urine samples

Results printed automatically in less than 60 seconds

Automatic or on-demand calibration

Automatic probe wiping

- **Easy to Maintain**

All calibrants contained in convenient, disposable solutions pack

All waste collected in solutions pack

Disposable electrodes require no maintenance

Modular design makes maintaining analyzer simple and fast

- **Easy to Afford**

Low analyzer purchase price

Low cost per test

- **Available in five models:**

- **EasyLyte** Na<sup>+</sup>/K<sup>+</sup>
- **EasyLytePLUS** Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>
- **EasyLyteLithium** Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>
- **EasyLyteCalcium** Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH
- **EasyLyteExpand** Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Ca<sup>++</sup> or Li<sup>+</sup>





**EasyLyte**

**EasyLyte®**

*Solutions Pack  
Kit de soluciones  
Confezione di soluzioni  
Lösungspackung  
Embalagem de Soluções  
Kit de soluciones*

CE REF 2121

AMBIENT COMPATIBLE  
BioMedica, 2011-2012-2013  
BioMedica, 2011-2012-2013

**MEDICA**  
01/2014-001/01

Modular, maintenance-free electrodes



# Cl-



Internal printer prints patient results, calibration values, quality control data, and results summaries, flagging abnormal results

Pressing Yes or No buttons is all that is required to analyze serum, plasma or whole blood



# K+



Self-contained Solutions Pack contains liquid calibrants and collects all waste, eliminates sample contact



Capillary sampler is removable and disposable



### EasySampler

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

- 21 sample positions
- Dedicated Stat position
- Normal/Abnormal QC positions
- Optional auto-repeat of out-of-range values

Li+

pH

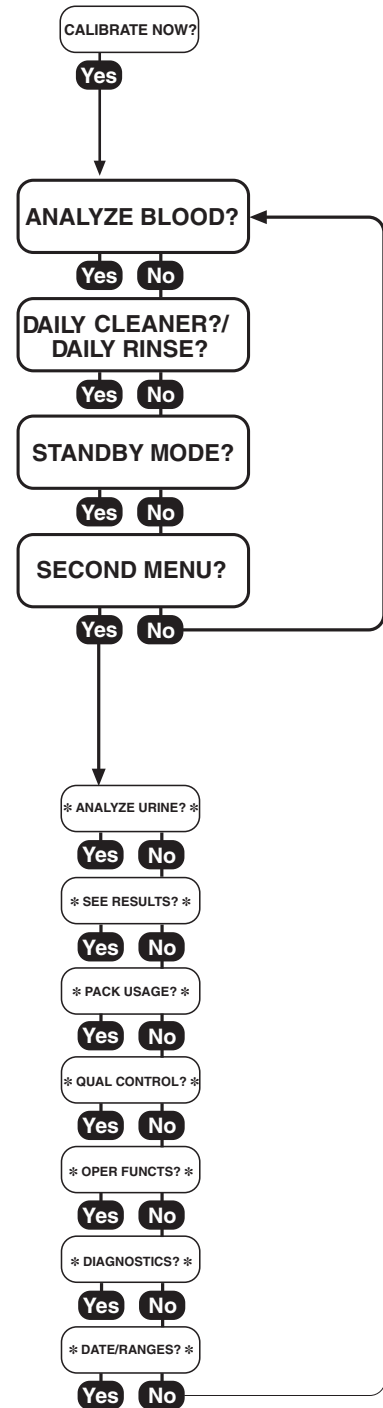
### Analyzer software insures ease of operation

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

- Two button operation
- Automatic calibration
- User-friendly menu

Ca<sup>++</sup>

Na<sup>+</sup>



## Specifications

(Na<sup>+</sup>/K<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>, Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Ca<sup>++</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Li<sup>+</sup>)

# MEDICA

Medica Corporation  
5 Oak Park Drive  
Bedford, MA 01730-1413  
USA

**CLIA Classification:** Moderate Complexity  
**Sample Type:** Whole Blood, Serum, Plasma or Urine  
**Sample Size:** 100 µL Whole Blood, Serum, Plasma, 60 µL capillary or 400 µL diluted (1:10) Urine  
**Method:** Direct measurement by Ion Selective Electrode (ISE)

USA 800 777 5983

Global +1 781 275 4892

Fax 781 275 2731

medicacorp.com

**Measurement Range:**

	<b>Blood</b>	<b>Urine</b>
Na <sup>+</sup> :	20 – 200 mmol/L	Na <sup>+</sup> : 25 – 1000 mmol/L
K <sup>+</sup> :	0.2 – 40 mmol/L	K <sup>+</sup> : 1.0 – 500 mmol/L
Cl <sup>-</sup> :	25 – 200 mmol/L	Cl <sup>-</sup> : 25 – 500 mmol/L
Li <sup>+</sup> :	0.2 – 5.0 mmol/L	
Ca <sup>++</sup> :	0.1 – 6.0 mmol/L	
pH:	6.0 – 8.0 Units	

**Display Resolution:** Na<sup>+</sup>: 0.1 mmol/L    K<sup>+</sup>: 0.01 mmol/L    Cl<sup>-</sup>: 0.1 mmol/L  
Li<sup>+</sup>: 0.01 mmol/L    Ca<sup>++</sup>: 0.01 mmol/L    pH: 0.005 units

	<b>Na<sup>+</sup>/K<sup>+</sup></b>	<b>Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup></b>	<b>Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup></b>	<b>Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH</b>	<b>Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Ca<sup>++</sup></b>	<b>Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Li<sup>+</sup></b>
<b>Analysis time (blood)</b>	55 sec	55 sec	55 sec	60 sec	60 sec	60 sec
<b>Urine Mode</b>	Yes	Yes	Yes**	No	Yes*	Yes**
<b>Analysis time (urine)</b>	90 sec	90 sec	90 sec	N/A	90 sec	90 sec
<b>Vet Mode</b>	Yes	Yes	No	No	No	No
<b>EasySampler</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Capillary Samples</b>	Yes	Yes	Yes	No	No	No
<b>Bar Code Reader (Sample ID)</b>	No	Yes	Yes	Yes	Yes	Yes

**Data Storage:** Patient results — up to 128 samples  
QC results — up to 20 each Normal, Low, and High

**Calibration:** Automatic or On-Demand

**Output:** 128 x 64 pixel graphic display  
24 column thermal printer  
Serial port (RS-232), EasySampler port  
Serial Y cable, connects barcode reader / PC

**Ambient Conditions:** 15–32°C (60–90°F), <85% humidity

**Power:** 100-240 VAC 50/60 Hz, 0.8A

**Size & Weight:** 9.5"W x 16.5"H x 8.0"D (24 cm W x 42 cm H x 20 cm D) 13 lbs. (5.8 kg)

\* Calcium Results Not Reported

\*\* Lithium Results Not Reported