EasyLyte

Na⁺/K⁺
Na⁺/K⁺/Cl⁻
Na⁺/K⁺/Li⁺
Na⁺/K⁺/Ca²⁺/pH

www.medica corp.com
EasyLyte

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 four models:**
  - *EasyLyte* Na⁺/K⁺
  - *EasyLyte PLUS* Na⁺/K⁺/Cl⁻
  - *EasyLyte Lithium* Na⁺/K⁺/Li⁺
  - *EasyLyte Calcium* Na⁺/K⁺/Ca²⁺/pH
Modular, maintenance-free electrodes

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

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

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 the EasyLyte Na/K, Na/K/Cl, and Na/K/Li analyzers, enhancing laboratory performance.
- 21 sample positions
- Dedicated Stat position
- Normal/Abnormal QC positions
- Optional auto-repeat of out-of-range values

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
Specifications
(Na⁺/K⁺, Na⁺/K⁺/Cl⁻, Na⁺/K⁺/Li⁺, Na⁺/K⁺/Ca²⁺/pH)

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)

Measurement Range:

<table>
<thead>
<tr>
<th></th>
<th>Blood</th>
<th>Urine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Na⁺</td>
<td>20 – 200 mmol/L</td>
<td>Na⁺: 25 – 1000 mmol/L</td>
</tr>
<tr>
<td>K⁺</td>
<td>0.2 – 40 mmol/L</td>
<td>K⁺: 1.0 – 500 mmol/L</td>
</tr>
<tr>
<td>Cl⁻</td>
<td>25 – 200 mmol/L</td>
<td>Cl⁻: 25 – 500 mmol/L</td>
</tr>
<tr>
<td>Li⁺</td>
<td>0.2 – 5.0 mmol/L</td>
<td></td>
</tr>
<tr>
<td>Ca²⁺</td>
<td>0.1 – 6.0 mmol/L</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>6.0 – 8.0 Units</td>
<td></td>
</tr>
</tbody>
</table>

Display Resolution:

<table>
<thead>
<tr>
<th></th>
<th>Na⁺/K⁺</th>
<th>Na⁺/K⁺/Cl⁻</th>
<th>Na⁺/K⁺/Li⁺</th>
<th>Na⁺/K⁺/Ca²⁺/pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysis time (blood)</td>
<td>55 sec</td>
<td>55 sec</td>
<td>55 sec</td>
<td>60 sec</td>
</tr>
<tr>
<td>Urine Mode</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Analysis time (urine)</td>
<td>90 sec</td>
<td>90 sec</td>
<td>90 sec</td>
<td>N/A</td>
</tr>
<tr>
<td>EasySampler</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Capillary Samples</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

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

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)