



The quality you deserve, we reserve

Compact,  
Cost-efficient & Accurate  
electrolyte analysis.



$\text{Na}^+$

$\text{K}^+$

$\text{Cl}^-$

$\text{Li}^+$



Mfd. in USA

**B-Lyte**

From World's Leader in Electrolyte Analyzer

# B-Lyte

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## SPECIFICATIONS:

### Sample

Whole Blood, Serum, Plasma, or Urine

### Sample Size

100  $\mu$ l Whole Blood, Serum or Plasma  
400  $\mu$ l diluted (1:10) Urine

### Detection Range

Blood  $\text{Na}^+$  : 45 - 205 mmol/L  
 $\text{K}^+$  : 1.5 - 11 mmol/L  
 $\text{Cl}^-$  : 45 - 205 mmol/L  
 $\text{Li}^+$  : 0.15 - 5.0 mmol/L

Urine  $\text{Na}^+$  : 30 - 1020 mmol/L  
 $\text{K}^+$  : 20 - 505 mmol/L  
 $\text{Cl}^-$  : 25 - 505 mmol/L

### Analysis Time

57 sec (Blood)  
93 sec (Urine)

### Data Storage

1000 patient results  
500 Level 1 QC results  
500 Level 2 QC results  
500 Level 3 QC results

### Calibration

Automatic or On Demand

### Reproducibility

Typical Within Run (n=30)  
Blood, Serum, Plasma

$\text{Na}^+$  : CV  $\leq$  1% (115 - 160 mmol/L)  
 $\text{K}^+$  : CV  $\leq$  2% (2.5 - 6 mmol/L)  
 $\text{Cl}^-$  : CV  $\leq$  2% (65 - 120 mmol/L)  
 $\text{Li}^+$  : SD  $\leq$  0.03 (0.25 - 2.0 mmol/L)

### Urine

$\text{Na}^+$  : CV  $\leq$  5% (60 - 280 mmol/L)  
 $\text{K}^+$  : CV  $\leq$  5% (30 - 170 mmol/L)  
 $\text{Cl}^-$  : CV  $\leq$  5% (80 - 230 mmol/L)



### User Input

Keypad, External Keyboard,  
External Barcode Scanner (optional)

### Output

Graphic backlit display  
Graphic 40 column printer  
RS232 LIS Serial Communication  
AutoSampler port\*

### Ambient Conditions

15°C - 32°C (60°F - 90°F), < 85% humidity

### Languages

English, Spanish, French, German, Italian,  
Portuguese, Chinese, Russian

### Power

100 - 240 ~ VAC 50/60 Hz, 1.6 A

### Size & Weight

9.5" (24cm) W x 16.5" (42cm) H x  
8.0" (20cm) D, 10.5 lbs (4.5 Kg)

\* Under Development

\* Pictures shown in the brochure are symbolic

Mfd. in United States of America for

**BIO CP HEALTHCARE PRIVATE LIMITED**



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Manufactured under  
FDA regulations and  
comply to the  
European Union IVD Directive.

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