



# SmartLyte<sup>®</sup> *Plus*

The Most Advanced Electrolyte Analyzer

# SmartLyte<sup>®</sup> Plus



| Parameter                          | Range                     | Reproducibility <sup>1</sup>      | Resolution   |
|------------------------------------|---------------------------|-----------------------------------|--------------|
| Na <sup>+</sup>                    | 40-200 mmol/L             | CV ≤ 1% (120-160mmol/L)           | 0.1 mmol/L   |
| K <sup>+</sup>                     | 1.7-15 mmol/L             | CV ≤ 1.5% (2.5-6 mmol/L)          | 0.01 mmol/L  |
| Cl <sup>-</sup>                    | 50-200 mmol/L             | CV ≤ 1% (85-130 mmol/L)           | 0.1 mmol/L   |
| Ca <sup>++</sup>                   | 0.3-5.0 mmol/L            | SD ≤ 0.02 mmol/L (0.8-1.5 mmol/L) | 0.001 mmol/L |
| Li <sup>+</sup>                    | 0.2-5.5 mmol/L            | SD ≤ 0.03 mmol/L (0.4-1.3 mmol/L) | 0.001 mmol/L |
| Urine <sup>2</sup> Na <sup>+</sup> | 3-300 mmol/L              | CV ≤ 5% (100-250 mmol/L)          | 0.1 mmol/L   |
| K <sup>+</sup>                     | 5-120 mmol/L <sup>3</sup> | CV ≤ 5% (10-60 mmol/L)            | 0.01 mmol/L  |
| Cl <sup>-</sup>                    | 15-300 mmol/L             | CV ≤ 5% (100-250 mmol/L)          | 0.1 mmol/L   |

1-Typical Within Run (n=30) Blood, Serum, Plasma 2-Calcium and Lithium are not typically measured in urine samples  
3-(60-120) requires additional dilution

## Power

100-240V ~ 50/60 Hz (self adjusting)  
1.6 A max, 50 Watts max

## Size & Weight

13.2 x 12.4 x 12 in or 335 x 315 x 295 mm  
14 lbs or 6 kgs

## Ambient Conditions

Room temperature: 15-32°C/60-90°F  
Humidity <85%



**DIAMOND**  
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SOP23-0099F REV11 10/30/20