

DIAMOND

Smart Lab Solutions

Meridian Healthcare®  
medical diagnostics and equipment



# SmartLyte® *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 ≤ 2% (2.5-6 mmol/L)	0.01 mmol/L
Cl <sup>-</sup>	50-200 mmol/L	CV ≤ 2% (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 ≤ 0.02 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)	
K <sup>+</sup>	5-120 mmol/L <sup>3</sup>	CV ≤ 5% (10-60 mmol/L)	
Cl <sup>-</sup>	15-300 mmol/L	CV ≤ 5% (100-250 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%

Not Commercially Available in the United States

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