SmartLyte® Plus
The Most Advanced Electrolyte Analyzer
smartlyteplus.com
**Parameter** | **Range** | **Reproducibility** | **Resolution**
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Na⁺ | 40-200 mmol/L | CV ≤ 1% (120-160 mmol/L) | 0.1 mmol/L
K⁺ | 1.7-15 mmol/L | CV ≤ 2% (2.5-6 mmol/L) | 0.01 mmol/L
Cl⁻ | 50-200 mmol/L | CV ≤ 2% (85-130 mmol/L) | 0.1 mmol/L
Ca²⁺ | 0.3-5.0 mmol/L | SD ≤ 0.02 mmol/L (0.8-1.5 mmol/L) | 0.001 mmol/L
Li⁺ | 0.2-5.5 mmol/L | SD ≤ 0.02 mmol/L (0.4-1.3 mmol/L) | 0.001 mmol/L
Urine Na⁺ | 3-300 mmol/L | CV ≤ 5% (100-250 mmol/L) | 0.1 mmol/L
K⁺ | 5-120 mmol/L | CV ≤ 5% (10-60 mmol/L) | 0.1 mmol/L
Cl⁻ | 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

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

**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

**Data Storage**
10,000 Patient Results
10,000 QC Results per Level

**Analysis Time**
28 sec (128 per hr)

**Number of Parameters**
5 Total
4 (Simultaneously)

**Sample**
Whole Blood, Serum, Plasma, Urine

**Languages**
English, Chinese, French, German, Italian, Korean, Japanese, Portuguese, Russian, Spanish, Turkish, Indonesian

**Veterinary Options**
Feline, Canine, Bovine, Equine, Swine, Ovine or Open

**Support**
Online Service Interface

**Connectivity**
LAN, Wifi, 4 USB ports RS232 LIS

**User Input**
5” Touchscreen
Remote Access

**Calibration**
2 Point every 4 hours
1 Point every sample
On Demand

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

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