Unity™
Integrated Electrolyte System
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**Sample**
Serum or Diluted Urine

**Sample Size**
- 60 - 100 µl Serum
- 140 - 150 µl Urine

**Number of Parameters**
3 (Simultaneously)

**Detection Range**
- Serum Na⁺: 50-200 mmol/L
- K⁺: 1.5-10.00 mmol/L
- Cl⁻: 50-200 mmol/L
- Urine Na⁺: 20-500 mmol/L
- K⁺: 5-300 mmol/L
- Cl⁻: 10-500 mmol/L

**Reproducibility**
Typical Within Run (n=30)

**Analysis Time**
- Serum: 30 sec (100 per hour)
- Urine: 60 sec (50 per hour)

**Data Storage**
- 2000 Patient Results
- 500 QC Results per level (3)
- 100 Calibrations

**Calibration**
- 2 Point every 8 hours
- On Demand
- 1 Point after every Measurement

**Communication**
RS232 Communication

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

**Power**
12VDC, 2.0A

**Size & Weight**
- 92 mm (H) x 134 mm (W) x 46 mm (D)
- 3.70” (H) x 5.27” (W) x 1.81” (D)

**Features**
- Compact Size
- Flexible Reagent System
- Fully Shielded Measurement Chamber
- Built-In Modular Sample Cup Option
- Long Life Reference
- Positive Engagement Latching System
- Accessible Service Area
- Fully Visible Pathway
- Horizontal Electrode Orientation
- Precise Stepper Motor Fluidic Control

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This analyzer is produced and distributed by Diamond Diagnostics Inc.