DIAMOND
Smart Lab Solutions

ProLyte®

The World's Most Popular Electrolyte Analyzer

diamonddiagnostics.com/prolyte

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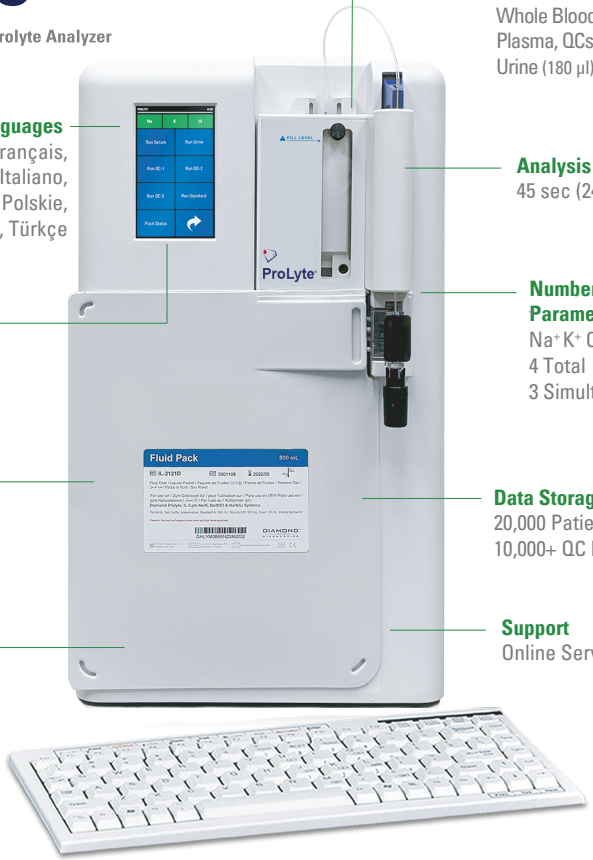
Sample Size
Whole Blood, Serum (95 µl)
Plasma, QCs (95 µl)
Urine (180 µl)

Languages
English, 中文, Español, Français, Deutsch, Bahasa Indonesia, Italiano, 日本語, 한국어, Português, Polskie, Русский, Türkçe

Analysis Time
45 sec (240/hour)

User Input
4" Touch Screen
External Keyboard
Remote Access

Number of Parameters†
Na^+ K^+ Cl^- Li^+
4 Total
3 Simultaneously



Connectivity
LAN, Wifi,
4 USB ports
RS232, LIS

Data Storage
20,000 Patient Results
10,000+ QC Results per Level

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

Support
Online Service Interface

Parameter	Range	Reproducibility [1]	Resolution
Na^+	45-205 mmol/L	CV ≤ 1% (120-160mmol/L)	0.01 mmol/L
K^+	1.5-15 mmol/L	CV ≤ 1.5% (2.5-6 mmol/L)	0.01 mmol/L
Cl^-	45-205 mmol/L	CV ≤ 1% (85-130 mmol/L)	0.01 mmol/L
Li^+	0.15-5.00 mmol/L	SD ≤ 0.03 mmol/L (0.4-1.3 mmol/L)	0.001 mmol/L
Urine[2] Na^+	30-1020 mmol/L	CV ≤ 5% (100-250 mmol/L)	0.01 mmol/L
K^+	20-505 mmol/L[3]	CV ≤ 5% (10-60 mmol/L)	0.01 mmol/L
Cl^-	25-505 mmol/L	CV ≤ 5% (100-250 mmol/L)	0.01 mmol/L

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

†Calcium available for certain markets. Not available in USA.

Power
100-240V, 50W max
50-60 Hz, 1.6A max

Size & Weight
13.2 x 12.4 x 12 in, 14 lbs
335 x 315 x 295 mm, 6 kgs

Ambient Conditions
Humidity: < 85%
Room Temperature: 60-90°F (15-32°C)

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