



CareLyte *Plus*

The Choice for Veterinary Laboratories

CareLyte *Plus*

User Input
5" Touch Screen
Remote Access

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

Analysis Time
28 sec (512/hour)

Number of Parameters
5 Total
4 (Simultaneously)

Connectivity
LAN, Wifi, 4 USB ports
RS232, LIS

Optional Autoloader
24 Positions

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

Support
Online Service Interface

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

Languages

English, 中文, Français, Deutsch, Italiano
이탈리아어, 포르투갈어, Português
Русский, Español, Türkçe, Bahasa Indonesia

Veterinary Options

Feline, Canine, Bovine, Equine,
Swine, Ovine, Murine or Open

Parameter	Range	Reproducibility ¹	Resolution
Na ⁺	40-200 mmol/L	CV ≤ 1% (120-160mmol/L)	0.1 mmol/L
K ⁺	1.7-15 mmol/L	CV ≤ 1.5% (2.5-6 mmol/L)	0.01 mmol/L
Cl ⁻	50-200 mmol/L	CV ≤ 1% (85-130 mmol/L)	0.1 mmol/L
Ca ⁺⁺	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 ≤ 0.03 mmol/L (0.4-1.3 mmol/L)	0.001 mmol/L
Urine ² Na ⁺	3-300 mmol/L	CV ≤ 5% (100-250 mmol/L)	0.1 mmol/L
K ⁺	5-120 mmol/L ₃	CV ≤ 5% (10-60 mmol/L)	0.01 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

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)



DIAMOND
Smart Lab Solutions

333 Fiske Street, Holliston, MA 01746 U.S.A.

www.diamonddiagnostics.com

main@diamonddiagnostics.com

+1 508-429-0450

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