

InSight[®] V-EL

Veterinary Electrolyte Analyser



5 ELECTROLYTES

ON 1 CARTRIDGE

K^+ , Na^+ , Cl^- , iCa^{2+} , iMg^{2+}

"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

WOODLEY
EQUIPMENT COMPANY LTD.

InSight[®] V-EL Veterinary Electrolyte Analyser

InSight V-EL is a whole blood Veterinary Electrolyte Analyser that requires zero maintenance and can test 5 electrolytes on 1 single-use cartridge.

FEATURES

- Tests electrolytes K⁺, Na⁺, Cl⁻, iCa²⁺ & iMg²⁺ in whole blood on 1 single-use cartridge
- Accurate results in 5 minutes
- Auto-calibration before each test
- 110µl whole blood sample volume
- Dry chemistry method, single-use cartridge eliminates the risk of contamination
- Maintenance free - no fluid pipe inside the device, no reagent pack required
- Integrated barcode reader and printer
- Portable

PERFORMANCE

Electrolyte	Accuracy	Precision	Stability	Test Range
K ⁺	±3.0%	≤1.5%	≤2.0%	1.0-15.0 mmol/L
Na ⁺	±3.0%	≤1.5%	≤2.0%	100-200 mmol/L
Cl ⁻	±3.0%	≤1.5%	≤2.0%	65-160 mmol/L
iCa ²⁺	±5.0% or ±0.05 mmol/L	≤1.5%	≤3.0%	0.25-4.00 mmol/L
iMg ²⁺	±5.0% or ±0.05 mmol/L	≤3.0%	≤3.0%	0.2-1.5 mmol/L

SPECIFICATIONS

Sample Type:	Venous whole blood
Testing Principle:	Dry Electrochemistry/ Microfluidic Method
Sample Size:	110µl
Testing Time:	5±0.5 min (from test cartridge insertion to result output)
Data Capacity:	99,999 pieces of data (including test and QC results)
Usage Temperature:	10°C~30°C
Display Screen:	7" colour touch screen
Printer:	Built-in
Code Scanner:	Built-in
Dimensions:	240 x 120 x 110 mm (±10 mm)
Weight:	1.5±0.2kg (with battery)



5-in-1 Cartridge
Tests Electrolytes
K⁺, Na⁺, Cl⁻, iCa²⁺ & iMg²⁺

HOW TO USE



1. Scan the barcode on the cartridge pouch and take the cartridge out of the pouch.



2. Fill the inlet with the sample up to the fill mark and slide the cap to seal the inlet.



3. Insert the cartridge into the analyser until it clicks. Wait for the results.

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