

# InSight<sup>®</sup> 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<sup>®</sup> 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<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, iCa<sup>2+</sup> & iMg<sup>2+</sup> 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 <sup>+</sup>	±3.0%	≤1.5%	≤2.0%	1.0-15.0 mmol/L
Na <sup>+</sup>	±3.0%	≤1.5%	≤2.0%	100-200 mmol/L
Cl <sup>-</sup>	±3.0%	≤1.5%	≤2.0%	65-160 mmol/L
iCa <sup>2+</sup>	±5.0% or ±0.05 mmol/L	≤1.5%	≤3.0%	0.25-4.00 mmol/L
iMg <sup>2+</sup>	±5.0% or ±0.05 mmol/L	≤3.0%	≤3.0%	0.2-1.5 mmol/L

## SPECIFICATIONS

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



5-in-1 Cartridge  
Tests Electrolytes  
K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, iCa<sup>2+</sup> & iMg<sup>2+</sup>

## 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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