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FULL LAB INTEGRATION  
TO PATIENT FILES

LOW  
COST  
+  
FAST  
+  
EASY

## SPOTCHEM SE-1520 ELECTROLYTE ANALYSER



\$7,950

\$4000 + GST

SUPER SPECIAL PLUS

FREE URINALYSIS  
MACHINE

**FAST, ACCURATE AND SIMPLE  
ELECTROLYTE ANALYSIS OF BODY FLUIDS  
ESSENTIAL IN AN EMERGENCY**

### The SpotChem SE-1520 Electrolyte Analyser

The SpotChem SE Electrolyte analyser is a compact veterinary electrolyte analyser which utilises dry reagent technology. As there are no liquid reagents present, servicing and routine maintenance is kept to a minimum. With its bench top size, the EL is capable of simultaneously measuring the parameters sodium, potassium and chloride in whole blood, plasma, serum or urine. Results are reported in just 60 seconds. The SpotChem SE offers both a low level of maintenance and easy calibration, so is ideal for any veterinary practice requiring fast, accurate and simple veterinary electrolyte analysis.

### Key Features of the SpotChem SE-1520 Electrolyte Analyser

- Easy calibration
- Small sample volume
- Convenient twin-pipette
- Simultaneously tests electrolyte  $\text{Na}^+$ ,  $\text{K}^+$  and  $\text{Cl}^-$
- Highly reliable electrodes
- Low maintenance
- Test results in 60 seconds



## Easy Operation and Rapid Results

The SpotChem SE-1520 Electrolyte Analyser is well suited for in-practice use with several convenient features which enable it to produce rapid, yet accurate veterinary electrolyte analysis.

### **Small Sample Volume**

Whole blood, serum, plasma or urine can be measured using a sample volume of just 22µl - allowing for quick and efficient veterinary electrolyte analysis.

### **Convenient Twin-Pipette**

Twin-pipette: for the drawing and application of samples.

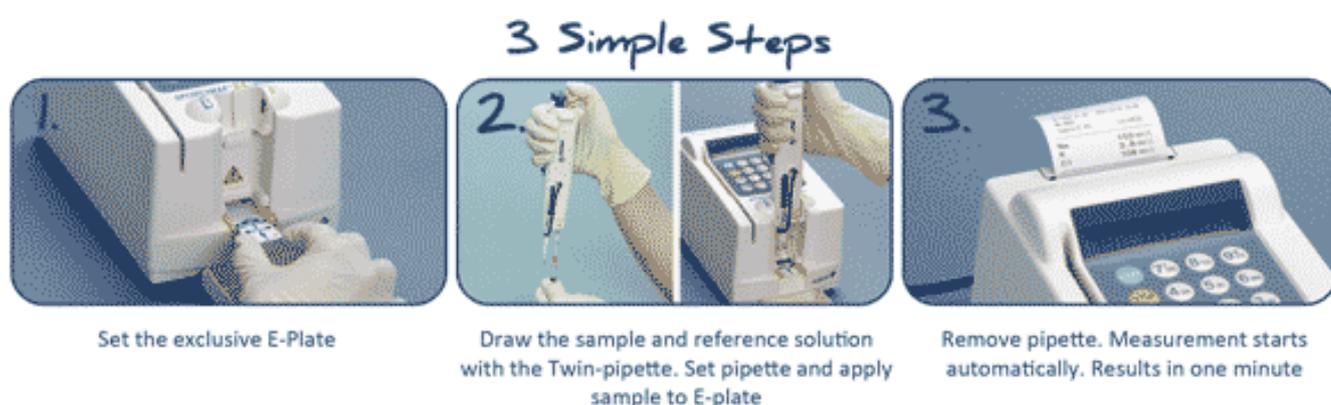
Removal of the twin-pipette after applying the sample automatically starts the electrolyte analysis.

Easy Calibration

Simply insert the magnetic card attached to the E-Plate to complete calibration.

### **In-Built Thermal Printer**

A printout of the three electrolyte measurements is produced in just 60 seconds making it ideal for emergency cases and stat tests.



## Highly Reliable Special Electrodes

The E-Plate has 3 pairs of internal electrodes. Results are calculated from the potential difference generated between the sample and an equal amount of reference solution.

### **Automatic and Fast Results**

The removal of the twin-pipette after applying the sample automatically starts the measurement which takes approximately 60 seconds. The SpotChem EL Electrolyte Analyser enables rapid veterinary electrolyte analysis.

## Specifications

Sample	Whole blood, plasma, serum or urine
Electrolytes	Na <sup>+</sup> , K <sup>+</sup> and Cl <sup>-</sup>
Measurement Principle	Potentiometric method with ion-selective electrodes
Measurement Time	60 seconds
Sample Volume	22µl
Data Storage Volume	50 results
Printer	58mm width built-in thermal printer
External Output	RS-232C (serial)
Power Supply	AC100-240V 50/60Hz
Power Consumption	40VA
Weight	1.5 kg
Dimensions	138h x 135w x 225d mm

50 Test Electrolyte Pack \$345.00 + GST or \$6.90 per test.