

# i-Smart 300 VET

## Blood Gas & Electrolyte Analyser



**FAST, ACCURATE**  
**& MAINTENANCE FREE**

**"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"**

**WOODLEY**  
EQUIPMENT COMPANY LTD.

# i-Smart 300 VET

## Blood Gas & Electrolyte Analyser

The i-Smart 300 VET is a fast, accurate, maintenance free in-practice Blood Gas and Electrolyte Analyser which provides accurate results in just 50 seconds.

### FEATURES

- Fast, accurate blood gas analysis
- Tests **pH, pCO<sub>2</sub>, pO<sub>2</sub>, Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>2+</sup>, Cl<sup>-</sup>, HCT**
- 100µl sample volume
- Results in 50 seconds
- Species specific reference ranges
- No user maintenance
- Autocalibration
- Cartridge contains electrodes, all consumables, new probe and waste
- 100,000 test data storage
- Large LCD touch screen
- Veterinary specific software
- Built-in printer
- Small compact analyser
- Results transmitted via InSight p-LINK to Practice Management Systems



### SPECIFICATIONS

<b>Dimensions:</b>	257 x 252 x 394 mm
<b>Weight:</b>	7.1kg
<b>Display:</b>	8 inch TFT LCD touchscreen
<b>Printer:</b>	2 inch built-in thermal printer
<b>Interface:</b>	USB (2-Port), Serial (RS-232), LAN (RJ45 Ethernet)
<b>Power:</b>	100-240 VAC, 50/60 Hz
<b>Built-in Battery:</b>	Up to 2 hours of sample measurement (Lithium ion cell)
<b>Measured Parameters:</b>	pH, pCO <sub>2</sub> , pO <sub>2</sub> , Na <sup>+</sup> , K <sup>+</sup> , Ca <sup>2+</sup> , Cl <sup>-</sup> , HCT
<b>Calculated Parameters:</b>	pH(T), pCO <sub>2</sub> (T), pO <sub>2</sub> (T), ctCO <sub>2</sub> , cHCO <sub>3</sub> <sup>-</sup> , cHCO <sub>3</sub> <sup>-</sup> (std), BE(ecf), BE(B), Anion gap(K), ctHb, Ca <sup>2+</sup> (7.4), pO <sub>2</sub> (A-a), sO <sub>2</sub>

<b>Sample Type:</b>	Heparinised whole blood Plasma and serum in development
<b>Sample Volume:</b>	100µl whole blood
<b>Sample Introduction Method:</b>	Aspiration
<b>Measurement Time:</b>	50 seconds
<b>Calibration:</b>	Automatic or manual



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