# Woodley Lab Systems, Critical Care & Rapid Diagnostic Tests

**Product Guide - Issue 2.1** 

Blood Gas/ Critical Care



Information
Systems

InSight
Lab



Haematology





Coagulation



Electrolytes



Rapid Diagnostic Tests





Clinical Chemistry



Immunofluorescence Diagnostics









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Email: sales@woodleyequipment.com Web: www.woodleyequipment.com WOODLEY EQUIPMENT COMPANY LTD.

## The Critical Care Diagnostic Range:



## **Epoc Critical Care / Blood Gas Analyser**

Test card contains all parameters:

Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>++</sup>, Hct, Hgb<sup>+</sup>, Glu, Lac, Creatinine, pH, pCO<sub>2</sub>, pO<sub>2</sub>, HCO<sub>3</sub><sup>-+</sup>, BE(b), BE (ecf), SO<sub>2</sub><sup>+</sup>, AGapK, TCO<sub>2</sub><sup>+</sup> \*Calculated parameter

#### **Features**

- Accurate blood gas, electrolyte and critical care biochemistry results in 3 minutes
- Room temperature cartridge storage
- 92µl sample volume
- · Veterinary software with species-specific reference ranges
- Completely portable handheld system with rechargeable battery & bluetooth printer
- · Ready to use anytime, anywhere. In-practice, theatre, patient side or equine yard
- · Integrated calibration and quality checks on each test card
- Ability to input all patient data, species, temperature and even ventilator settings
- · WiFi and bluetooth connectivity for easy transfer to practice management systems

epoc + Hemocue WBC = Rapid Pathological Screening 24 hours a day

## RAPIDPoint 500 Blood Gas Systems

Advance your critical care testing with easy to use trusted technology

#### **RAPIDPoint 500 Tests**

Blood Gas: pH, pO<sub>2</sub>, pCO<sub>2</sub> Electrolytes: Na\*, K\*, Ca\*\*, Cl\*

Metabolites: Glu, Lac

Co-oximetry: nBili, tHb, SO,, O, Hb, HHb, COHb, MetHb

#### Features & Benefits

- Accurate, lab-quality test results from a single sample in approximately 60 seconds
- Easy to use, reliable, maintenance-free operation with cartridge based system, automatic calibration and QC
- Built in printer and WiFi connectivity for easy transfer of results to practice management systems

## **NovaVet Lactate Meter**

- Results in 13 seconds
- · Easy to use and portable
- Small 0.6µl sample size
- · Capillary, venous or arterial whole blood
- Stores 400 patient results
- No user calibration
- Eliminates interfering substances NovaVet Creatinine & Blood Ketone Meters also available - see page 9





In-Practice point-of-care coagulation testing

- Requires 1 drop of non-anticoagulated whole blood (10µl)
- PT/APTT tested simultaneously on 1 test strip
- Room temperature test strip storage
- Fill test strip directly from syringe
- QC material available
- No need to transfer sample into citrate tube
- Low cost analyser and consumables
- · 'Test count up' for immediate assessment
- Excellent correlation to central laboratory results
- 2 year warranty

## HemoCue® WBC Analyser

The HemoCue WBC measures the number of white blood cells in the sample.

- · Simple to use
- Results in 2 minutes
- Ready to use 24 hours a day
- Small sample volume 10µl
- WBC count available using whole blood and synovial fluid



Simple to use & results in 2 minutes

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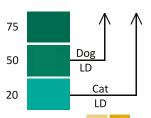


## Poison Test - Anti-Freeze Ethylene Glycol Testing

Tests for the presence of Ethylene Glycol commonly found in "anti-freeze", lacquer, detergents and de-icers. These test strips report quantitative results of Ethylene Glycol in plasma. Providing critical information on exposure to this toxin for both Felines and Canines in as early as 30 minutes after ingestion.

- Feline & Canine sensitivity at 20 mg/dl
- Only 20µl of Heparin plasma required
- · Detects Ethylene Glycol approximately 30 minutes after ingestion
- · Results in 10 minutes
- Sample window 12-14 hours post ingestion (varies by size, age and condition of animal)
- Room temperature storage

Feline & Cainine Sensitivity at 20mg/dl





\*varies by size, age and condition of animal

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## **DiaSys Blood Urea Test Strips**

#### Quick and easy assessment of the renal function

A quick and easy, low cost test for the quantitative determination of urea in-practice.

The length of the blue zone indicates the urea concentration providing an immediate assessment of the patient's renal function.

- · One drop of capillary, whole blood, serum or plasma
- Test Time: from 5 minutes
- · Room temperature storage
- Small sample volume 10μl

# **I-SMART 30 VET** ELECTROLYTE ANALYSER

#### Fast & Accurate

- Fast, accurate analysis
- Tests electrolytes Na<sup>+</sup> K<sup>+</sup> and Cl<sup>-</sup>
- 60µl sample volume
- Results in 35 seconds
- Specific animal species reference ranges

#### All in One Cartridge

- No user maintenance
- Autocalibration
- Cartridge contains electrodes, all consumables and waste

#### **Features & Advantages**

- 300,000 test data storage
- Large touch screen LCD
- Veterinary specific software
- Battery or mains powered

Fast, accurate & maintenance free, In-Practice electrolyte analysis

#### **Measured electrolytes**

Na<sup>+</sup> 20 - 250 mmol/L

K<sup>+</sup> 0.5 - 20.0 mmol/L

Cl<sup>-</sup> 20 - 250 mmol/L

## **InSight™ HCT Meter**

The InSight<sup>™</sup> HCT meter is a low cost handheld meter for the measurement of canine, feline and equine haematocrit and total haemoglobin in capillary and venous whole blood.



- 30 second test time
- One drop whole blood (Venous, Capillary or EDTA)
- HCT results reported as %

## AliveCor iPhone Veterinary Heart Monitor

Compatible with: iPhone® 4 / 4S / 5 / 5S / 6 / 6S / SE / 7

An ECG Jevice as mobile as you are





- Calibrated specifically for cats, dogs & horses
- Biosensor auto code technology
- Accurate Results
- Easy to use blood glucose meter
- Small sample (0.7μl) of whole blood is required
- Accurate results displayed within 5 seconds
- Readable range 1.1 33.3 mmol/L
- 500 result automatic memory
- HCT range 20 60%
- Lifetime Warranty

Calibrated for Canine, Feline & Equine use

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# Vcheck V200 Point of Care analyser

The highly successful Vcheck V200 just got better

## Easy testing for cPL, fPL, cCRP, fSAA, Canine Cortisol & Canine T4

Don't rely on a Rapid Test Device Reader Achieve true analysis with fluorescence technology

- Fully quantitative automated analyser
- Accurate diagnosis for Dogs and Cats in minutes
- Canine Cortisol & T4
- Pancreatitis Markers cPL, fPL
- Real-Time Inflammation Markers cCRP, fSAA
- Analyser provides print out and result storage
- Reference Lab quality avoiding test referrals





#### **Current Tests Available:**

- Canine T4
- Canine Cortisol
- cPL
- fPL
- cCRP
- fSAA

## Further tests to be released in 2018 include:

- SDMA
- TSH
- D-Dimer
- · CPV Ab
- Canine
- CDV Ab

Progesterone

## Available FREE OF CHARGE under contract

Small analyser - low cost per test

Results available on your

InSight Lab Manager

A stand alone Lab Management System to integrate with your smartphone via: Practice Management System



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## **Rapid Test Kits**

## Now available exclusively from Woodley

Anigen™ Rapid FIV Ab/FeLV Ag

For the simultaneous detection of Feline Immunodeficiency virus antibody and Feline Leukemia Virus antigen in feline whole blood, plasma or serum

## Anigen™ Rapid Giardia Ag

For the detection of Giardia antigen in canine faeces

## Anigen™ Rapid CPV Ag

For the detection of Canine Parvo virus antigen in canine faeces

## Anigen™ Rapid CaniV-4

For the detection of Dirofilaria immitis antigen, Ehrlichia canis antibody, Leishmania infantum antibody, Anaplasma phagocytophilum / Anaplasma platys antibody in whole blood, plasma or serum

## Anigen™ Rapid FIV Ab

For the detection of Feline Immunodeficiency virus antibody in feline whole blood, plasma or serum

## Anigen™ CPV/CCV Ag

For the detection of Canine Parvo virus and Corona virus antigen in canine faeces

## Anigen<sup>™</sup> Rapid FeLV Ag

For the detection of Feline Leukemia Virus antigen in feline whole blood, plasma or serum

## Anigen™ Rapid FPV Ag

For the detection of Feline Parvo virus antigen in feline faeces

## Anigen™ Rapid CDV Ag

For the detection of Canine Distemper Virus antigen in conjunctiva (recommended), urine, serum or plasma

## Anigen™ FCoV Ag

For the detection of Feline Corona virus antigen in feline faeces

## ImmunoComb® VacciCheck In-Practice Antibody Test Kit

ImmunoComb® VacciCheck Antibody Test Kit monitors serological status, reduces vaccination failure and prevents over vaccination consequences for dogs and cats.

· Rehome immediately able to know vaccination status

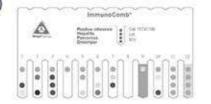
The ImmunoComb® VacciCheck is a user friendly, in-practice kit, which tests for antibody titres to the three core infections:

#### Canine

- Infectious Hepatitis (ICH)
- Parvovirus (CPV)
- Distemper (CDV)

#### Feline:

- Panleukopenia (FPLV)
- · Herpes Virus (FHV)
- · Calici Virus (FCV)



VacciCheck is recommended by the WSAVA to comply with regulations to reduce unnecessary Vaccinations

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## InSight<sup>™</sup> Urine Test Strips

- MS-11 Urine Strips Test For
- Urobilinogen
- Blood
- Glucose
- pH
- Bilirubin
- Protein
- Ketone
- Creatinine
- Specific Gravity Nitrate
- Leucocytes
  - with urine protein / creatinine ratio
- MS-2 Urine Strips Test for:
  - Microalbumin Creatinine

## InSight<sup>™</sup> Urinalysis Reader

with urine microalbumin / creatinine ratio

- Semi-automatic urine test strip reader with touch screen & printer to be used with InSight Urine Test Strips



InSight

MS-11 VET

- · Simply dip the strip into the urine sample and place it on the strip loading plate
- Results displayed in 60 seconds



# NOW YOU HAVE A CHOICE The 'Woodley Lab Systems'

Haematology, Clinical Chemistry,

Fluorescence, Coagulation & Urinalysis Analysers

System 1



Now includes
InSight Lab Manager
& Vcheck V200
Fluorescence Analyser

System 2



InSight™ 5 Diff Retic Haematology Analyser with laser InSight<sup>™</sup> DF50 (no Retics) Haematology Analyser with laser



Skyla VB1 Chemistry Analyser



Vcheck Point Of Care Fluorescence Analyser for cPL, fPL & more





Coagulation Analyser



InSight™ Urinalysis Analyser

# All your laboratory needs in one 'Complete' System for one low cost payment each month

- Includes Technical Support for 5 years
- Includes all repairs and servicing for 5 years
- Includes scheduled internal QC
- Includes 'Track your delivery'
- Includes InSight Lab Manager

- Includes software updates to improve analyser functionality and test range when appropriate
- Wet Chemistry, Endocrinology and Blood Gas options available

**Contact Woodley or your Local Area Account Manager to discuss** 

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A stand alone Lab Management System to integrate with your Practice Management System





Lab Manage







Results available on your smartphone or tablet - access Lab Results anytime, anywhere

 InSight Lab Manager integrates your Lab Equipment with the host Practice Management System

- Alternatively InSight Lab Manager can be used as a stand alone Lab Management System
- Results are displayed alongside a Reference Range Bar Chart for easy identification of abnormal results Options

Compatible with

## **BIONOTE Vcheck V200**

Say goodbye to semi quantitative guesswork

- Canine T4 & Cortisol Tests
- Pancreatitis Markers cPL, fPL
- Real-Time Inflammation Markers cCRP, fSAA see page 4 for more information

Wet Chemistry, Endocrinology and Blood Gas







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## RapidVet®- H Crossmatch Kits

In-practice crossmatch test kits for use in transfusion medicine on either canine or feline patients. A companion animal crossmatch can now be performed in-practice prior to transfusion.

- Will detect all major canine and feline blood group incompatibilities
- · Performed in-practice in 10 minutes
- · Easy to use and results are clear
- · Simple to use and quick to run
- · Available in kits of 3 tests
- Minor Crossmatch Kits also available

Use alongside canine & feline blood typing kits

good transfusion practice

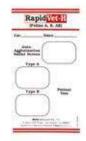


## RapidVet®- H Blood Typing Kits - Canine & Feline

In-practice tests for rapid determination of Canine DEA 1.1 and Feline A, B or AB blood types. These fast in-house blood typing card kits for cats or dogs are essential for transfusions and breeding decisions. They are fast, easy to use, economical and can be stored at room temperature.

#### RapidVe+0-H Feline

- . For Feline A, B & AB
- · Fast, easy, economical and VITAL
- Results in 2 minutes
- · Auto-agglutination screen
- · Requires 3 drops of whole blood
- Available in kits of 5



#### RapidVeto-H Canine

- For Canine DEA 1.1
- · Fast, easy, economical and VITAL
- · Results in 2 minutes
- Auto-agglutination screen
- Requires 3 drops of whole blood
- Available in kits of 5
- · Positive control well

"Every dog & cat in need of a transfusion should be blood typed" Dr. Urs Giger, Dr.med.vet., Dip ACVIM, ECVIM

## Veterinary Parasep® Faecal Filters

- · Cleaner, safer method
- Separates eggs from faecal filter in safe, enclosed environment
- No possibility of cross contamination
- · More accurate and consistent results
- No laborious, time consuming 'clean up' of sinks, shaker bottles and sieves

## Haematology Atlas

Haematology atlas written exclusively for Woodley Equipment Ltd by Kostas Papasouliotis DVM PhD DipRCPath MRCVS (Bristol Vet School).

Titles available: Canine, Feline and Equine

These atlases are an excellent microscope-side reference guide offering normal cell morphology.

- Erythrocytes
   Basophils
- Neutrophils
   Platelets
- Eosinophils
- Lymphocytes Methodology: Microhaematocrit Methodology: Blood Smears



Titles available: Canine. Feline & Equine

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## PocketChem<sup>™</sup> BA Blood Ammonia Measurement

- · Whole blood measurement
- . Ready for use 24 hours a day
- · Small sample volume
- · Battery powered
- · Easy to maintain
- Temperature compensation
- · Data management function
- · Lightweight and compact design
- Uses exclusive reagent strips without any pre-treatment
- Detachable printer available



World's only Point of Care Blood Ammonia Analyser

## Clinispin MPC Multi Purpose Centrifuge

- Includes 2 Rotors
  - HCT / QBC° rotor (24 x HCT/QBC°)
  - Microtube rotor (12 x 2ml)
- · 3 Pre-Defined Presets
  - HCT / QBC\*, Serum / Plasma and Urine
- · Variable Speed and Time
- · Displays RPM or RCF (g force)
- Quiet Operation
- · Easy to Use

## **NovaVet Lactate Meter**

- · Results in 13 seconds
- · Easy to use and portable
- Small 0.6µl sample size
- · Capillary, venous or arterial whole blood
- Stores 400 patient results
- No user calibration
- · Eliminates interfering substances

# 

#### **NovaVet Creatinine Meter**

- · Rapid assessment of kidney function
- · Results in 30 seconds
- · Easy to use
- Small 1.2µl sample size
- · Capillary, venous or arterial whole blood
- Stores 400 patient results
- Correct results for HCT
- No user calibration
- · Eliminates interfering substances



#### NovaVet Blood Ketone Meter

- Measures blood beta-hydroxybutrate (BHBA), the gold standard for detecting subclinical ketosis
- Useful for predicting and monitoring diabetic ketoacidosis
- · Ready to use, disposable biosensor
- No calibration required
- Simple test procedure in the field
- Accurate, quantitiative blood ketone results in 10 seconds
- Small sample volume
- Stores 400 results



## InSight™ Microscope Eyepiece Adapter for Smartphones



- Mounts any smartphone to any microscope in minutes!
- Smartphone camera can then capture photos & videos for real-time viewing on smartphone screen, via video conferencing, emailing or sharing online

Capture & share microscopic images

## Vision V-5000 Microscope

- LED illuminator
- Excellent optical resolution
- Wide-field eyepieces
- Dioptric compensation
- DIN achomatic objectives
   4x, 10x, 40x, 100x (60x available)
- Coaxial coarse and fine focusing

## InSight<sup>™</sup> 50x Microscope Lens

- · Mounts onto any Smartphone
- · Enhances the Smartphone camera
- Captures high quality microscopic images & video
- Requires no batteries



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A stand alone
Lab Mangement System
which can integrate to your
Practice Management System

#### LAB MANAGER

- InSight Lab Manager integrates your Lab Equipment with the host Practice Management System
- Alternatively InSight Lab Manager can be used as a stand alone Lab Management System
- Results are displayed alongside a Reference Range Bar Chart for easy identification of abnormal results
- Smartphone and tablet friendly access Lab Results anytime, anywhere



## InSight™ EVOLUTION



Available as a low cost package including analyser, reagents and service.

Suitable for small to medium sized practices or for multi-site placements.

#### INSIGHT EVOLUTION WET CHEMISTRY ANALYSER

Fully automated clinical chemistry analyser, which uses liquid reagents and is approximately 70% cheaper to run than dry chemistry.

- · Easy to use with colour touch screen
- · Fully automatic no manual pipetting required
- · Minimal user maintenance
- · Cost effective with fast and accurate results
- · Flexible testing single and profile testing
- Small footprint with integral printer to fit any size laboratory
- 'Special tests' for small animals include: T4, Fructosamine,
   Bile Acids, Phenobarbitone and Urine Protein/Creatinine ratio
- 'Special tests' for large animals include: SAA, IgG, Fibrinogen, BHB, GGT, GLDH, Magnesium, Triglycerides and NEFA
- Integration to most Practice Management Systems

Fully supported Nationwide by our Specialist Team of Field Service Technicians



Take a 360 degree look at your endocrinology testing with the TOSOH AIA-360

Fully supported Nationwide by our Specialist Team of Field Service Technicians

## THE AIA-360 ANALYSER

Offers the automation powers and performance of a large analyser in a benchtop format. Random access allows any combination of tests, in any order at any time and a throughput of 36 results per hour with the first test result in 20 minutes ensures a fast reliable service.

- · Simple to use
- · Fast, reliable results
- Simple maintenance
- · Touchscreen with intuitive menus

#### Key Assays Available:

- Free T4
- ACTH
- Total T4
- Insulin
- Cortisol
- cTnl
- Progesterone

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## InSight DF50

A fully automated multi-species Haematology Analyser with Laser ideal for in-practice use

Laser Technology



- Quick and easy to use
- Large user-friendly colour touch screen
- Low maintenance
- Fully automated
- High performance 23 haematology parameters
- 60 second analysis time
- Small sample volume 15µl whole blood
- Compact benchtop size
- Stores up to 50,000 results
- Species specific reference ranges for dog, cat, rabbit, horse & cow





A true 5 part differential Haematology Analyser Including Reticulocytes

## Both Analysers Integrate with Practice Management Systems

- · Compact, benchtop size
- Small sample volume 20µl whole blood
- True 27 parameter system
- 2 minute cycle time
- Precision equal to larger laboratory analyser
- Quick and easy operation
- Species specific reference ranges
- Low maintenance
- Over 50 species on board

Uses Dual Laser and Impedance Technology



## skyla VB1 VETERINARY CHEMISTRY ANALYSER

Skyla VB1 Clinical Chemistry Analyser for both Rotor Profiles and Single/Dual Tests

Highly accurate test results in under 15 minutes

- · Compact, benchtop size
- Performs up to 15 biochemistry tests simultaneously
- Performs up to 3 single/dual tests simultaneously
- · Precision equal to larger laboratory analyser
- No specialised training required
- LCD colour touch screen
- Stores up to 50,000 results

Integrates with Practice Management Systems





Skyla Vi Veterinary **Immunoassay Tests** Available: Canine CRP, Feline SAA, Phenobarbital

Tests Under Development: D-Dimer, Fructosamine, Progesterone, T4, TSH, Cortisol

#### VETERINARY IMMUNOASSAY

- ELISA Method Analyser
- Small sample volume
- · Fully automatic
- Low maintenance
- Thermal printer
- Intuitive to use
- Lab quality results



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## In Practice Urinalysis in 24 hours simplified with

# InSight Urinalysis

A 2-stage process available 24 hours a day

## 1. RapidBac™ Vet

TEST FOR BACTERIURIA

- \* Negative no bacteriuria indicated
- \* Positive proceed to Flexicult Vet





ults in 20 minutes

RapidBac™ Vet is a lateral flow immunoassay for the detection of Gram positive and Gram negative bacteria in dog and cat urine.

- · Test immediately in-practice
- Results in less than 20 minutes
- · Easy to use
- · Room temperature storage
- · 98.5% accuracy
- · No special apparatus required

Proceed with Flexicult® Vet if RapidBac™ is positive or if antibiotic confirmation is needed

## 2. Flexicult® Vet

Chromogenic In-Practice **Urine Culture & Sensitivity Test** 

#### Results within 24 hours

Flexicult® Vet is a 24 hour chromogenic culture test for diagnosing UTI's in dogs and cats. It aids the identification and quantification of bacteria and helps select the most appropriate antibiotic for effective patient management.



#### Flexicult Vet contains the following antibiotics:

- Ampicillin
- Cephalotin
- Enrofloxacin
- Trimethoprim/ sulfamethoxazole

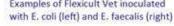
Agar plate contains a chromogenic substance Causes bacterial colonies on the agar to appear with Amoxicillin/clavulanate different colours depending on the bacterium species





Examples of Flexicult Vet inoculated

Perform in-house without the need for specialist knowledge



## **Urinalysis Atlas**

- Sample collections
- Physical characteristics
- · Examination of sediment
- Photographic identification
- · Physical characteristics
- · Contaminants in urine sediment



InSight Urinalysis Reader & Test Strips - see page 5 Incubator required: available **FREE OF CHARGE** for qualifying customers\*

\*DON'T MISS OUT -CONTACT US TODAY

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