

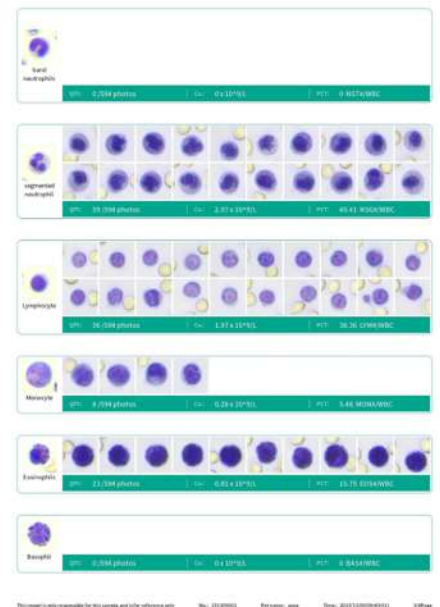
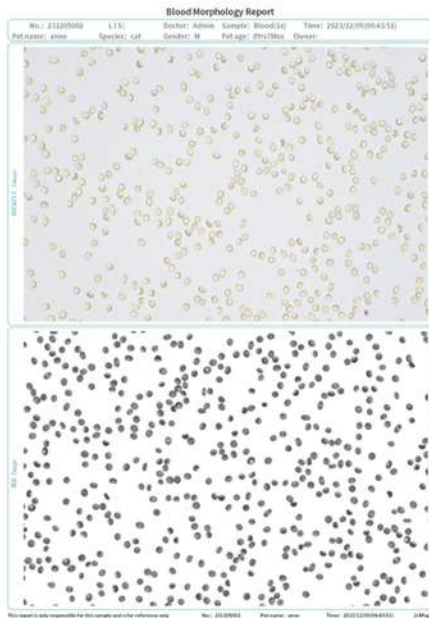
InSight[®] AI-Cytology

Veterinary Haematology Analyser with Morphology

7-Part Differential Analyser providing full blood count with retics, NRBC and cell morphology analysis using AI technology

Displays cells as real time conventional images

InSight AI-Cytology is designed for automated, comprehensive testing of blood, faecal & urine sediment samples across various species, including small mammals and reptiles. An integrated solution for morphological examinations in veterinary laboratories.



**Online remote assistance
directly to your analyser**

**BLOOD, FAECAL & URINE
SEDIMENT TESTING ON ONE DEVICE**



"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

WOODLEY
EQUIPMENT COMPANY LTD.

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FEATURES

- One device for blood, faecal & urine sediment testing
- Displays cells as real time conventional images
- Blood: 46 parameters + morphological report
- Faeces: 30 parameters + morphological report
- Urine: 21 parameters + morphological report
- Smear Free: Microfluidic technology
- Maintenance Free Design: No liquid lines
- Reagents stored at room temperature
- Auto-Counting: AI automatically recognises & counts
- Expanded Scope: 1000+ Microscopic fields per sample

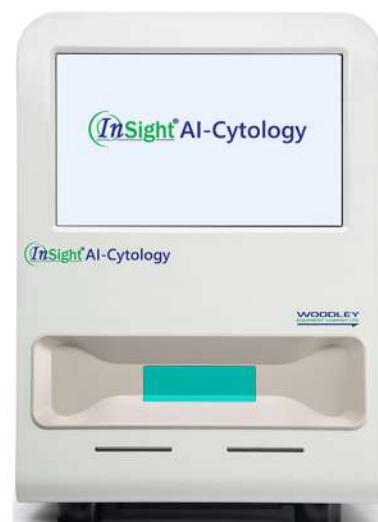
Blood Testing

White Blood Unique Cell Parameters	Band neutrophils (NST; # and %)
	Segmented neutrophils (NSG; # and %)
	Erythrocyte ghost (ETG; # and %)
Red Blood Cell Parameters	Nucleated Red blood cell (NRBC; # and %)
	Reticulocyte (RET; # and %)
	Mean reticulocyte volume (MCVr)
	Reticulocyte distribution width (RDW-CV)
Platelet Parameters	Large Platelet (LPLT; # and %)
	Agglutinated Platelet count (APLT#)
Morphological Report	3-page morphological colour report

Faeces Testing

Detection Principle	1300 fields of view
Parasite Eggs (6 Categories)	Ascaris ascariis; Hookworm; Dipylidium caninum; Tapeworm; Spriometra; Alaria alata
Intestinal Protozoa	Trichomonas Giardia lamblia 3 types of Isosporium coccidia
Germes	Intestinal bacteria Pathogenic bacteria (Campylobacter; Bacillus; Serpentine spirochete; Helicobacter; Yeast)
Cells	WBC; RBC; EC
Digestive Function	Starch granule; Lipid drop; Plant fibre; Muscle fibre

Online remote assistance directly to your analyser



Urine Testing

Cast (4 Categories)	Hyaline cast; Cellular cast; Granular cast; Waxy cast
Crystal (6 Categories)	Struvite#; Calcium oxalate monohydrate#; Calcium oxalate dihydrate#; Calcium carbonate#; Uric acid; Cystine
Cells (6 Categories)	WBC; RBC; Renal tubular epithelial cells; Squamous epithelial cells; Transitional epithelial cells
Germes	Cocci; Bacillus; Yeast
Others	Lipid drop; MUCUS

Specifications

Methodology: Chamber slide-based automated microscopy and AI morphology on liquid staining samples

Sample Type: Blood, urine, faeces

Species: Dog, cat, rabbit, chinchilla, mouse, rat, hamster, ferret, turtle

Sample Volume & Testing Time: Blood - 10µl, 7-9 mins, Urine - 500µl, 9 mins, Faeces - 150µl, 9 mins

Display: Integrated touch screen, 12 inch LCD (1280 x 800 dpi)

Data Connection: USB (3.0), WLAN, network cable

Dimensions: 485 x 485 x 335 (mm)

Weight: 30.8kg



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