

InSight[®] AI-Cytology

Veterinary Multifunctional Morphological Analyser

AI Technology allows for continuous, progressive learning



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



"PASSIONATE ABOUT LABORATORY DIAGNOSTICS"

**WOODLEY
EQUIPMENT COMPANY LTD.**

InSight[®] AI-Cytology

Veterinary Multifunctional Morphological Analyser

AI Technology allows for continuous, progressive learning

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.

FEATURES

- One device for blood, faecal & urine sediment testing
- Unique reagent formula to achieve staining of multiple visible components
- Blood: 43 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



AI Technology allows the user to teach the analyser specific variances and preferences

PARAMETERS

Blood

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

Urine

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	Sperm
Others	Cocci; Bacillus; Yeast
	Lipid drop; MUCUS

Faeces

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

Dimensions & Weight

Length: 50cm (19.7 in)
 Width: 33.5cm (13.2 in)
 Height: 49cm (19.3 in)
 Net Weight: 31.2kg (68lbs)

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