

InSight® V5R

Veterinary Hematology Analyzer

5-Part Differential with Reticulocytes



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SightAI™



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Veterinary Hematology Analyzer

A fully automated multi-species, 5-part differential hematology analyzer with reticulocytes

FEATURES

- Quick & easy to use
- Small sample volume - 20µl whole blood
- 5-part differential, 25 parameters
- Reticulocytes can be selected on every sample or selectively on each sample
- Species-specific reference ranges
- Independent channel for basophil measurement
- Powerful capability to flag abnormal cells
- Fully automated
- Touch screen
- Low maintenance
- Links to Practice Management Systems



SPECIFICATIONS

Principles

- Flow cytometry & triangle scatter plot for 5-part differential analysis and WBC counting
- Impedance method for WBC, RBC and PLT counting
- Cyanide-free reagent and colorimetric method for hemoglobin concentration testing
- Laser scattering method and staining method for reticulocytes

Parameters

WBC	LYM#	HGB	HCT	Retic#
NEU%	EOS%	MCV	PLT	Retic%
NEU#	EOS#	MCH	MPV	
MON%	BASO%	MCHC	PDW	
MON#	BASO#	RDW-CV	PCT	
LYM%	RBC	RDW-SD		

Species

Group I: Dog, Cat
 Group II: Rabbit, Cow, Horse, Sheep, Pig
 Group III: Mouse, Rat, Guinea Pig, Monkey, Camel

User Interface

- Easy-to-use, menu-driven user interface
- Screen type - LED backlit, color graphics LCD

Connection Interfaces

- One LAN interface
- Printer options - Built-in thermal printer or connect to external inkjet and laser printers
- 4 x USB interfaces

Integrates with Practice Management Systems



Graphic Parameters

- Five 2D scattergrams (including 1 for Baso, 1 for Retics)
- Three histograms (including RBC & PLT histograms)

Dimensions

- Width 36cm (14.3")
- Depth 50cm (19.7")
- Height 49cm (19.3")
- Weight 32kg (70.5lbs)
- Power Supply - 100-240V AC

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