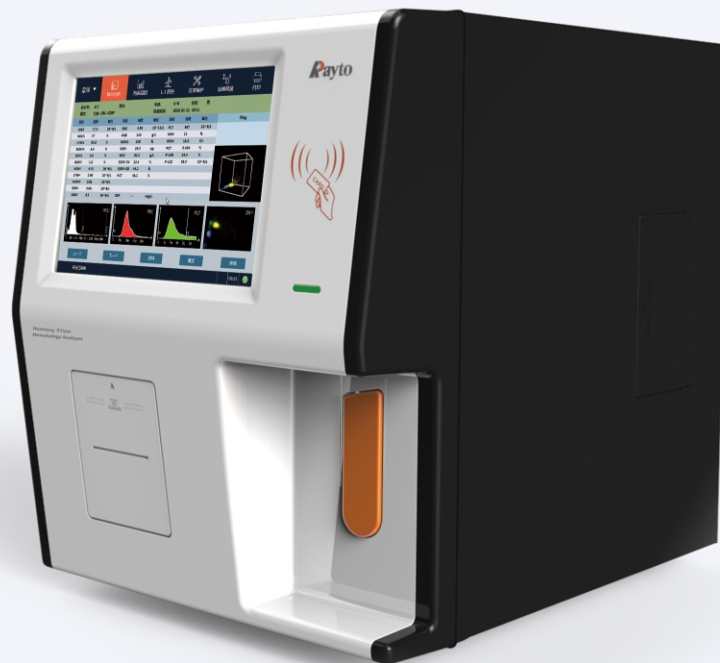


Hemaray 51Vet

Auto Vet Hematology Analyzer



- WBC 5-part differentials, specialized for animal use.
- Minimal 15ul sample consumption.
- Whole Blood, Peripheral Blood, Pre-diluted blood.
- 29 parameters (include 4 research parameters).
- 3 reagents with original QC and Carlibrators.
- Integrated system with 10.4 inches color touch screen.
- Compact design.



Hemaray 51Vet

Auto Vet Hematology Analyzer



Specifications

Parameters

WBC, BAS#, BAS%, NEU#, NEU%, EOS#, EOS%,
LYM#, LYM%, MON#, MON%, RBC, HGB, HCT, MCV,
MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT,
P-LCR, P-LCC, ALY#, ALY%, LIC#, LIC%,
WBC Histogram, RBC Histogram, PLT Histogram,
2D DIFF Scatter gram x 3,
3D DIFF Scatter gram x 1

Principles

Electrical impedance; Colorimetry
Laser scattering method

Animals supporting

2 pre-defined animals(Cat, Dog)
4 user-defined animals

Throughput

60 S/H

Sample consumption

Whole Blood: 15ul (CBC+DIFF/ CBC)
Pre-diluted Blood: 20ul

Data storage

100,000 results

Test	Linear range	Carry-over	CV(whole blood)
WBC	$(0\sim 500) \times 10^9/L$	$\leq 0.5\%$	$< 2.0\%$
RBC	$(0\sim 8.5) \times 10^{12}/L$	$\leq 0.5\%$	$< 1.5\%$
HGB	0-250g/L	$\leq 0.5\%$	$< 1.5\%$
HCT	0~67%	$\leq 0.5\%$	-
PLT	$(0\sim 5000) \times 10^9/L$	$\leq 1\%$	$< 4.0\%$



Mode

CBC; CBC+DIFF

QC

L-J, X-B, X-R

Reagent

RD-50V Diluent; RL-5DV lyse
RL-50HV lyse
Concentrated Cleanser

Interface

USB x 4, LAN
Internal printer, internal card reader

Working Environment

10°C~30°C; humidity $\leq 85\%$

Power

100V-240V, 50Hz/60Hz, 400VA
Fuse: T3.15AL 250V, $\Phi 5 \times 20$

Size

365mmx470mmx525mm; Weight: 31Kg



Rayto reserves the right to change specifications without prior notice.
P/N: ENG-Hemaray 51Vet 20190322



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