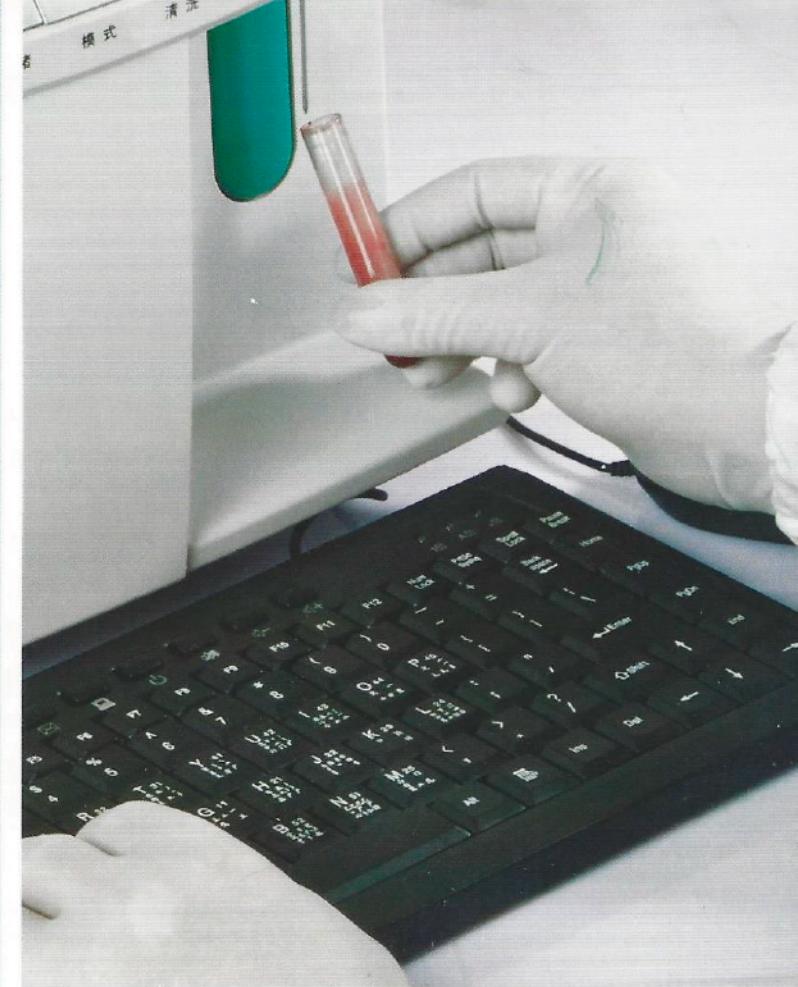


Global Diagnostics Supplier



## 3500 Vet Plus Automated Hematology Analyzer

- ▶▶ 13 pre-defined animal species + 3 programmable animals on request
- ▶▶ 60 samples per hour, Automatic hematology analyzer for veterinary
- ▶▶ 3-part differentiation of WBC, 21 parameters + 3 histograms



URIT



## 3500 Vet Plus Hematology Analyzer

### Specifications

**Animal type:** Dog, Cat, Horse, Pig, Cow, Buffalo, Rabbit, Monkey, Rats, Mice, Sheep, Goat, Camel and 3 types user-defined and 3 types user-defined

**Parameters:** WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC

3-part differentiation of WBC, 21 parameters and 3 histograms

**Principles of operation:** WBC/RBC/PLT: Electrical Impedance

HGB: Photoelectric colorimetry

**Aspiration Volume:** Whole blood 10 $\mu$ L Pre-diluted 20 $\mu$ L

**Aperture Diameter:** WBC 100 $\mu$ m RBC/PLT 68 $\mu$ m

**Throughput:** 60 samples per hour

**Data storage:** More than 100,000 sample results with histograms

**Display:** 10.4 inches color LCD, resolution 640x480

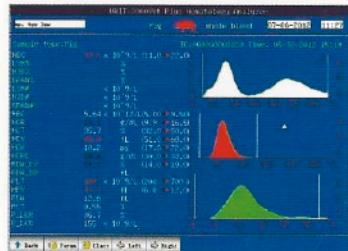
**Power requirement:** AC 100V ~ 240V, 50/60Hz 180 W

**Input/Output:** Support RS232, standard network port and USB

Shortcut keys with standard mouse and keyboard

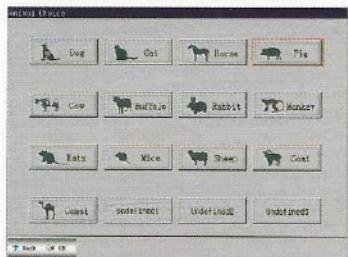
Internal 57mm thermal printer,

Parallel Port and USB for external printer



Main screen

Animal information



13 pre-defined animal species  
+ 3 programmable animals

Parameter	Cal	Assay Value	New Cal	Date
RBC	100.0			2001-11-25
HGB	100.0			2001-11-25
HCT	100.0			2001-11-27
MCV	100.0			2001-11-21
PLT	100.0			2001-11-21
MPV	100.0			2001-11-21
RDW-CV	100.0			2001-11-21
RDW-SD	100.0			2001-11-21
Ht%	100.0			2001-11-21

Horizon (internal quality control) will automatically affect the precision of instruments.



Calibration for each animal type

Parameter	Current cal	Assay value	Current RBC	Assay RBC
HBC Gain	1000		1000	1000
HBC Scale	1000		1000	1000
Ht Gain	1000		1000	1000
Ht Scale	1000		1000	1000
Pt Gain	100		100	100
Pt Scale	100		100	100
VOL Scale	100		100	100

Different gain for each animal