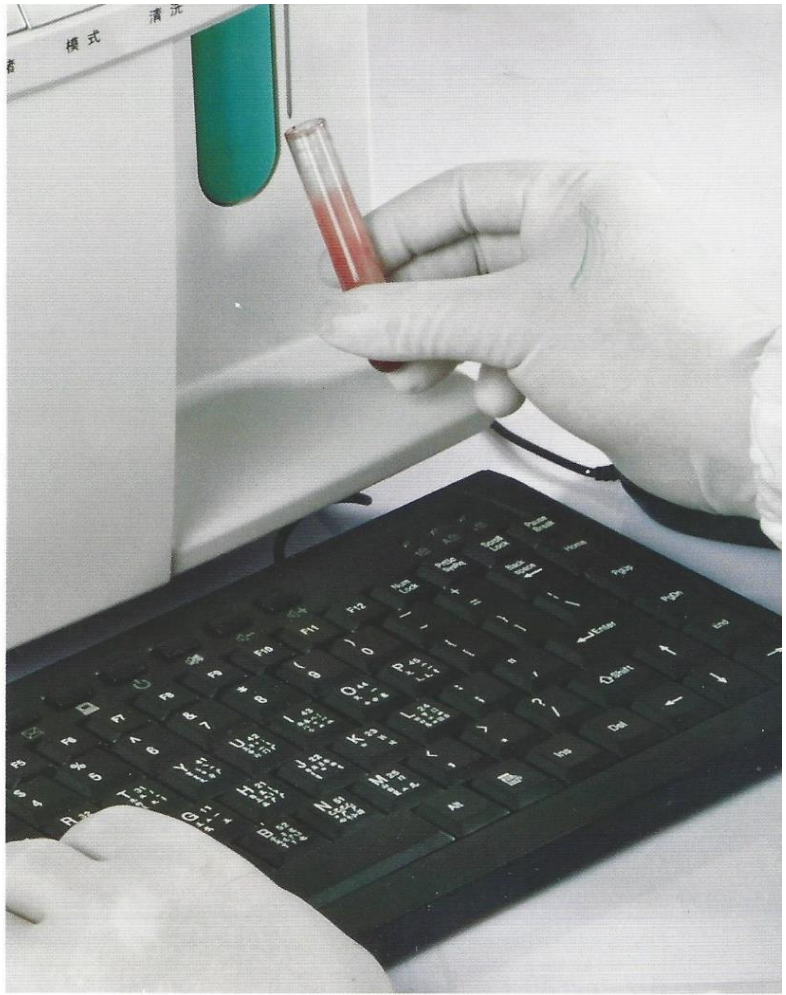


Global Diagnostics Supplier



## 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





## 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

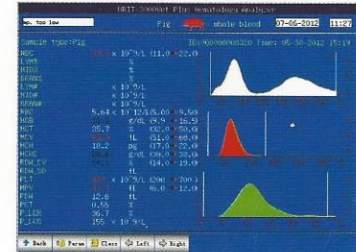
**Display:** 10.4 inches color LCD, resolution 640 $\times$ 480

**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

## Characteristics

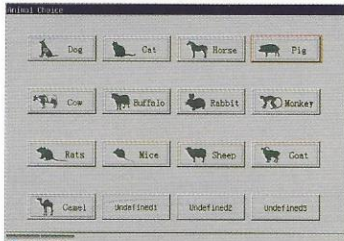
- 13 pre-defined animal species + 3 programmable animals
- Large color LCD display & Linux operation system
- Support USB data backup & system upgrade
- Excellent data management with mouse and keyboard
- Calibration and quality control for each animal
- Support LIS and HIS with HL7 protocol



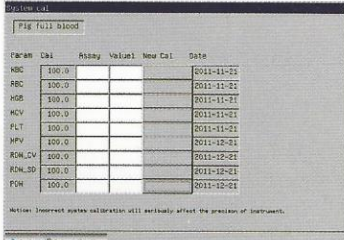
Main screen



Animal information

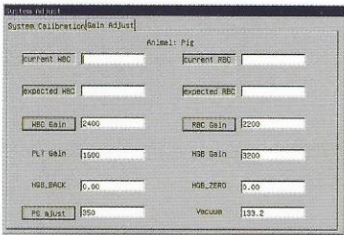


13 pre-defined animal species + 3 programmable animals



PARAM	Cal	Assay	Value1	New Cal	Date
WBC	100.0				2011-11-23
RBC	100.0				2011-11-23
HGB	100.0				2011-11-23
MCV	100.0				2011-11-23
PLT	100.0				2011-11-23
MPV	100.0				2011-12-01
RDW-CV	100.0				2011-12-21
RDW-SD	100.0				2011-12-21
PDW	100.0				2011-12-21

Calibration for each animal type



Different gain for each animal