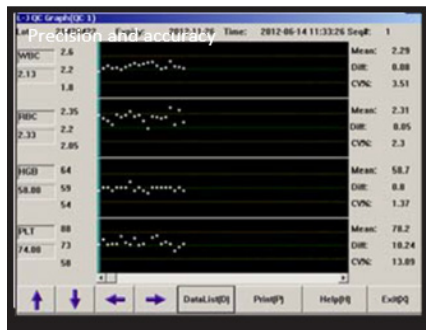




# A Proven Hematology Analyzer for Veterinary Use



Precision and Accuracy

## Technical Specifications

### Parameters

WBC, LYM#, MON#, GRA#, LYMo/o, MON%, GRAo/o, RBC, HGB, MCHC, MCH, MCV, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR and histograms for WBC, RBC and PLT

### Principles of Measurement

Electric impedance for counting WBC, RBC & PLT, colorimetry for HGB

### Instrument Precision (CV%)

WBC ( $10^9/L$ ) 2.0% (7.0-15.0) RBC ( $10^{12}/L$ ) 1.5% (3.50-6.00)  
HGB (g/L) 1.5% (110-180) MCV (fl) 0.4% (80.0-110.0)  
PLT ( $10^9/L$ ) 4% (100-500)

### Sample Volume

Pre-diluted 20 $\mu$ L Whole Blood

### Aperture Diameter

9.8 $\mu$ L WBC 80 $\mu$ m RBC 50 $\mu$ m

### Throughput

60 samples per hour

### Display

10.4" Color LCD, touch screen

### Screen Resolution

800 x 600

### Alarms

Error Messages

### Carryover

WBC/RBC/HGB<0.5%, PLT<1.0%

### Input/Output

RS-232, USB, LAN, PS/2 keyboard and mouse interface

### Printout

Thermal recorder, 55mm width paper, various printout formats, external printer optional

### Operating Temp.

15°C - 35°C

### Humidity

10% - 90%

### Power

AC 100-240V, 50/60 $\pm$ 1Hz

### Dimension

44 (l) x 36 (w) x 37 (h) cm  
17 x 14 x 14.5 in

### Weight

18Kg /40 lbs



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