



# QUADRANTECH DIAGNOSTICS



5-PART AUTO HEMATOLOGY  
ANALYZER FOR VET



### Multi-animal Test Modes

Available for cat, dog, and rabbit, and cow, horse and sheep can be customized



### Easy Operation

10.4 inches TFT touch screen, 12.5° leaning angle of the screen



### Saving Space

Small footprint, build-in reagent position

#### Principles:

Flow Cytometry (FCM) + Tri-angle laser scatter+ Chemical staining method for WBC differentiation  
Impedance method for RBC and PLT test  
Cyanide free colorimetry for HGB test

#### Parameters:

23 parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, ROW-SD, ROW-CV, PLT, MPV, POW, PCT  
3 histograms for WBC, RBC, and PLT,  
4 scattergrams for WBC differentiation

#### Throughput:

Up to 60 tests per hour

#### Sample volume:

20μL

#### Communication:

Supporting Bi-directional LIS

#### Repeatability:

WBC:  $\leq 2.0\%$  (4.0-15.0)  $\times 10^9/L$   
RBC:  $\leq 1.5\%$  (5.0-10.0)  $\times 10^{12}/L$   
HGB:  $\leq 1.5\%$  (110-180) g/L  
MCV:  $\leq 1\%$  (40-110) fL  
PLT:  $\leq 6.0\%$  (100-149)  $\times 10^9/L$ ;  
 $\leq 4.0\%$  (150-500)  $\times 10^9/L$

#### Linearity range:

WBC: 0.00-300.00  $\times 10^9/L$   
RBC: 0.00-14.5Q  $\times 10^{12}/L$   
HGB: 0-250 g/L  
PLT: 0-3000  $\times 10^9/L$   
HCT: 0.0-67.0%

#### Power requirement :

100V-240V~, 50/60Hz

#### Dimension:

364mm(W)\*498mm(D)\*431mm(H)

#### Net weight:

27kg

#### Distributed By

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