

SK8800Vet veterinary full-auto hematology analyzer

Specification:

- ◆ Pre programmed for 10 animals plus addition 5 user-defined animals
- ◆ 3-part differentiation of WBC, 23 parameters, single channel counter ,up to 35 samples test per hour
- ◆ Volume measurement by time ,not wrong warning
- ◆ Adanced valve technology,long life
- ◆ RS232 interface, PC connecting
- ◆ Electrical resistance for counting and SFT method of hemoglobin
- ◆ Low sample consumption : venous 9.8 ul, capillary 9.8 ul, pre-diluted 20 ul for twice testing one time
- ◆ 8.4" color TFT, Windows interface all testing parameter displayed simultaneously
- ◆ Windows operation system graphical buttons mouse and keyboard operation
- ◆ Double convolution and intelligent fitting
- ◆ Automatic diluting , Mixing , rinsing and clog clearing
- ◆ Automatically sample probe cleaning (inside and outside)
- ◆ Large storage capacity: up to 10,000 samples +3 histograms
- ◆ Internal thermal-sensitive printer or external printer.
- ◆ RS232 interface, PC connecting



Main Technical Specifications:

Animal Type	Cat, dog, horse, mouse, rat, rabbit, pig, cow, monkey, sheep, plus 5 user-defined animal settings
Methodology	Electrical resistance for counting, hemoglobin cyanide method and SFT method for hemoglobin
Parameter	3-part differentiation of WBC; 20 parameters and 3 color histograms (WBC, RBC, PLT)
Work mode	Single Channel + unique Hemoglobin test system
Sample volume	9.6μL for Venous and capillary mode, 20μL for pre-diluted mode
Throughput	More than 35 samples per hour, operate 24 hours a day, auto sleeping and waking-up functions
Storage	Up to 100000 sample results including histograms can be stored, convenient for inquiry and management of history data
Operation langue	English
QC control	X-B, L-J, X, SD, CV %
Reference Value Setting	Male , Female, Children, Neonate
Alarm	25 test of alert messages
Input / output	RS232, parallel printer and keyboard
Print	Graphic thermal printer with various printing format, optional external printer
Temperature	18°C – 30°C,wet ≤ 10-90%
Power supply	220 V ±22 VAC, 50±1Hz
Dimension	33 CM (L) * 38 CM (W) * 43 CM (H)
Weight	20 KG



Precision:

Parameters	Linear range	CV %
WBC(10 ⁹ / L)	0.0 - 99.9	≤2%
RBC (10 ¹² / L)	0.0 - 9.99	≤1.5%
MCV (fL)	40-150	≤0.5%
PLT (10 ⁹ / L)	0-999	≤4.0%
HGB(g/L)	0.0-300.0	≤1.5%

Parameters:

WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB,HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV,PDW,PCT,L-PCR

3-histograms : WBC,RBC and PLT