



# SK8800

## Veterinary Full-auto Hematology Analyzerr



### Features

- Pre programmed for 8 animals plus addition 4 user- defined animals
- 3-part differentiation of WBC, 23 parameters, up to 35 samples test per hour
- Electrical resistance for counting and SFT method of Hemaglobin
- Low sample consumption: venous 9.8 ul, prediluted 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
- 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 Specification

- **Animal Type:** cat, dog, horse, mouse, rat, rabbit, pig, cow, monkey, sheep, plus 4 user-defined animal settings
- **Methodology:** Electrical resistance for counting, hemiglobincyanide 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:** 9.8 u L for Venous and capillary mode, 20 u L prediluted mode
- **Throughput:** More than 35 samples per hour, operatable 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 language:** English
- **QC control:** X-B, L-J, X, SD, CV%
- **Reference Value Setting:** Male, Female, Children, Neonate
- **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 %
- **Dimension:** 33 cm (L) \* 38 cm (W) \* 43 cm (H)
- **Power Supply:** 220 V + 22 VAC,50 +1HZ
- **Weight:** 20 KG



## Precision

Parameters	Range	Parameters	Range
WBC	0.0 -99.9x10 <sup>9</sup> /L	GRAN#	0 - 99.9x10 <sup>9</sup> /L
RBC	0.00- 9.99x10 <sup>12</sup> /L	HCT	0.0 - 100.0 %
HGB	0.00 - 300g/L	MCH	0.0 - 999.9pg
PLT	0 - 3000x10 <sup>9</sup> /L	MCHC	0.0 - 999.9g/L
MCV	0 - 250fL	RDW-SD	0.0 - 99.9 fL
LYM%	0 - 100 %	RDW-CV	0.0 - 99.9 %
MID%	0 - 100 %	PDW	0.0 - 30.0 %
GRAN%	0 - 100 %	MPV	0.0 - 30.0fL
LYM#	0 - 99.9x10 <sup>9</sup> /L	PCT	0.0 - 9.99 %
MID#	0 - 99.9x10 <sup>9</sup> /L	P-LCR	0.0 - 99.9 %



## 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

