



# PE-6800<sub>VET</sub>

3-PART 23 PARAMETERS HEMATOLOGY ANALYZER

### Technical Specifications

<b>Methodology:</b>	Electrical resistance for counting, cyanide free method for hemoglobin
<b>Parameter:</b>	3-part differentiation of WBC 20 parameters + 3 color histograms (WBC/RBC/PLT)
<b>Sample volume:</b>	Venous Mode: 9.6μL, Pre-diluted Mode: 20μL
<b>Operation mode:</b>	Touch screen operation, also support USB keyboard & mouse, Based on Linux system
<b>Throughput:</b>	≥30 samples/hour, 24 hours work with auto standby
<b>Storage:</b>	50,000 sample results inclusive of the histograms
<b>Species of animals:</b>	12 Species: Dog,Cat,Horse,Cow,Sheep, Monkey, Mice, Pig, Rabbit, Gallus, Duck, Goose; 5 User-defined species
<b>Quality control:</b>	L-J curve
<b>Calibration mode:</b>	Manual calibration and auto calibration
<b>Display:</b>	8" LCD, resolution : 800×600
<b>Language:</b>	Multi-language supported, user can on-line switch system language
<b>Interface:</b>	4 ×USB, 1×RS232, 1 × ethernet, 1 ×VGA (for external monitor)
<b>Work environment:</b>	Temperature :15℃ ~ 35℃; humidity :10% ~ 90%
<b>Power supply:</b>	AC100~240V 50/60HZ



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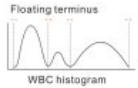
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# PROKAN

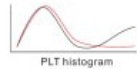
### Advanced Technology



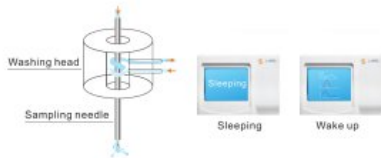
Unique sweep flow technology to avoid recounting



Auto-relocation separatrix to exact the differential of WBC



Intelligent PLT histogram fit technology to improve the precision of PLT



Auto sample probe cleaning

Auto standby and wakeup



High voltage burn, soaking and flush clog with real time monitor

### Advanced Technology

PE-6800VET hematology analyzer is 3-part differentiation of WBC. It is advantaged at digital technology, auto-relocation separatrix, intelligent flush, dual measuring technology (with time and volume) to ensure precise of the test results

### Automated, Safe, User and Environment friendly system

- ▣ Embedded sample processing and measuring unit
- ▣ Automatic absorb sample, ≥ 30 samples/hour
- ▣ Auto input three reagents and with liquid sensor to alarm low reagent
- ▣ High voltage burn, soaking and flush clog with real time monitor
- ▣ Automatic internal and external sample probe cleaning
- ▣ Adjustable sample probe for various cuvettes

### Testable to Multiple Species of Animal

Support: 12 kinds of animal: Dog, Cat, Horse, Cow, Sheep, Monkey, Mice, Pig, Rabbit, Gallus, Duck, Goose;  
Support: 5 kinds of User-defined animal provided to meet various requirements

- ▣ 20 parameters + 3 color histograms
- ▣ Updated the kind of animal specie and test parameter

### Accurate Results

- ▣ Matched specified reagent
- ▣ Specified calibration system and perfect quality control systems

### User Friendly

- ▣ Large color LCD display, all parameters (including histograms) available within one screen
- ▣ Multiple input and output functions
- ▣ Auto storage 50,000 sample results inclusive of the histograms
- ▣ Built-in thermal recorder, optional external printer

### Wide application

- ▣ Pet hospitals
- ▣ Animal and vegetable quarantine departments
- ▣ Farming hospitals
- ▣ Zoos
- ▣ Laboratory of scientific research institutes
- ▣ Others



Touch screen + keyboard/mouse



USB printer supported

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## 3-PART 23 PARAMETERS HEMATOLOGY ANALYZER

Shenzhen Prokan Electronic INC. is a high-tech company which develops, manufactures, sales and services regular in-vitro diagnostic products. Prokan has obtained spectacular achievements in developing and application of in-vitro diagnostic products.



WBC

Lymph#

Mid#

Gran#

Lymph%

Mid%

Gran%

RBC

HGB

HCT

MCV

MCH

MCHC

RDW-CV

Three sample modes: venous, capillary and pre-diluted

23 parameters:

RDW-SD

PLT

MPV

PDW

PCT

P-LCR



