seamaty

VBC50A

Veterinary Hematology Analyzer

An Easy-to-use and Affordable In-house Hematology Analyzer for your Veterinary Clinic



www.seamaty.com

Ease of use

- Large color touch screen supporting rubber gloves operation
- Optimized operating menu with flexibility, more user friendly
- Built-in printer

Accurate and reliable

- Use semiconductor laser scattering technology to achieve five precise classifications of white blood cells
- Advanced sweeping technology to ensure the accuracy of PLT
- Equipped with heating module to ensure a stable temperature of reagent

Multiple species available

- Species include dog, cat, rabbit, cattle, horse, sheep, deer, monkey, bird, fish, rat, pig, ferret, camel, tiger, dolphin, mouse, panda, buffalo, chicken, goat and pot-bellied pig

Low blood consumption

- Only 20 μl of blood is needed to complete CBC+DIFF test which will benefit small animals

Innovative technology

- SMART-FLOW liquid circuit invention patent technology

29 Parameters

- 5-part provides maximum 25 reportable parameters with 4 study parameters
- Support abnormal lymphocyte count and giant immature cell count

Specifications

Power	Voltage: AC 100V~240V, 50/60Hz Rated Power: 100~120VA
Sample Consume	1) Only need three reagents 2) Sample consumed≤20μL
Compatibility	1) Two modes of sampling: whole blood, pre-diluted blood 2) Three modes of test: CBC, CBC+5Diff and CBC+5Diff+RRBC 3) Optional external printer 4) 4 USB, 1 LAN support protocol HL7 and compatible with LIS system 5) Accompanying quality control material
Display	1) 10.4" colorful touchscreen 2) Liquid Crystal Display 3) Resolution: 1024×768 4) 10° incline adapt to visual observation
Parameters	Reportable Parameters (25 items) WBC, LYM#, MON#, NEU#, EOS#, BAS#, MPV, LYM%, MON%, NEU%, EOS%, BAS%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, PLT, RDW-SD, PDW, PCT, P-LCR, P-LCC Research Parameters (4 items) ALY%、ALY#、IG%、IG# 2 histograms and 2 scattergrams

Efficient	60 samples/hour
Flag System	RBC, WBC, PLT abnormal sample and support customized test groups
Storage	Up to 50,000 results including histograms, scattergrams and patient information.
Quality Control	3 Level QC, L-J graph, X-B
Calibration	Manual and Auto-calibration
Accessories	Standard: waste liquid barrel, thermal printer Option: external barcode scanner, external printer
Dimension	500mm(L)×320mm(W)×390mm(H)
Weight	25 Kg
Operational Environment	Working Temperature: 10℃~35℃ Relative Humidity: 20%~85%
Reagents	Build-in DIFF Lyse, LH Lyse, External Diluent, Probe Cleaner for maintenance
Principle	Flow cytometry and multi-angular laser scattering, Electric impedance method and Colorimetry

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