

BC-30 Vet Auto Hematology Analyzer

Insight and Simplicity

Features

- CBC+4-DIFF, 23 parameters including Eos#, Eos%.
- Throughput:38 T/H (Temperature ≥25°C)
- Intuitive onboard software with 8.4 inch TFT touch screen
- Temperature control system
- Compact and efficient
- Open vial sampling
- 100,000 results storage with histograms
- Original QC, calibrators and reagents

Technical Specifications

Principles

- Impedance method for WBC, RBC and PLT counting
- Cyanide free reagent for hemoglobin test

Parameters

- 23 parameters: WBC, Neu#, Neu%, Eos#, Eos%, Lym#, Lym%, Mon#, Mon%, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC
- 4 histograms for WBC, EOS, RBC and PLT
- *P-LCC and P-LCR only for dog

Species

Dog, Cat, Horse, Monkey, Rat, Mouse, Rabbit, Pig, Sheep, Cow, Goat, Camel, Llama+20 self defined animals

Reagent

DILUENT
CFL LYSE
PROBE CLEANSER

Sample Volume

Whole blood mode 9uL

Display

8.4 inch TFT Touch Screen

Communication

LAN Port supports HL7 protocol
Support for bi-directional LIS

Interface

4 USB ports (for external printer, software upgrade, barcode reader, external WIFI, keyboard and mouse), LAN port (1)

Printout

External printer optional

Operating Environment

Temperature: 10°C~30°C
Humidity: 20%~85%
Air pressure: 70kPa~106kPa

Power Requirement

100V-240V
≤180VA
50Hz/60Hz

Dimension and Weight

Dimension: Depth (410 mm) x width (305 mm) x height (400 mm)
Weight: ≤20Kg



BC-30 Vet

Auto Hematology Analyzer

Empowering You Through Simplicity



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Classic Heritage, Intelligence Everywhere

At Mindray we pride ourselves on our dedication and experience in developing better solutions for veterinary labs. With over 20 years of experience in the hematology field, Mindray has always strived to meet and exceed customers' requirements with innovative solutions. The newly launched BC-30 Vet hematology analyzer is the culmination of that effort with true 4 part differentiation. Compact yet powerful, full featured yet affordable.

WiFi
No hassle in having to connect an extra cable

Micro sample volume at 9.0µL
Micro sample volume aspiration, Exclusive parameters including Eos#, Eos%

User-friendly interface
TFT touch screen together with our powerful software enhances users' operation and experience

One-button query
Simple search by Sample ID yields all associated test results and graphics in one screen

Patented sample aspiration button
More convenient and practical

Flags for abnormal samples
Providing more intuitive clinical information by different flags

Lyse stored internally, reagent sensor offers accurate calculation
Lyse stored internally with sensors that detect volume and usage, reducing waste and cost

Built in printer
Timely print out of reports without having to setup a separate printer

Easy to identify alarm prompt
Red, yellow and blue color alarms representing three levels of malfunction, giving you more intuitive and easy to observe changes in instrument status

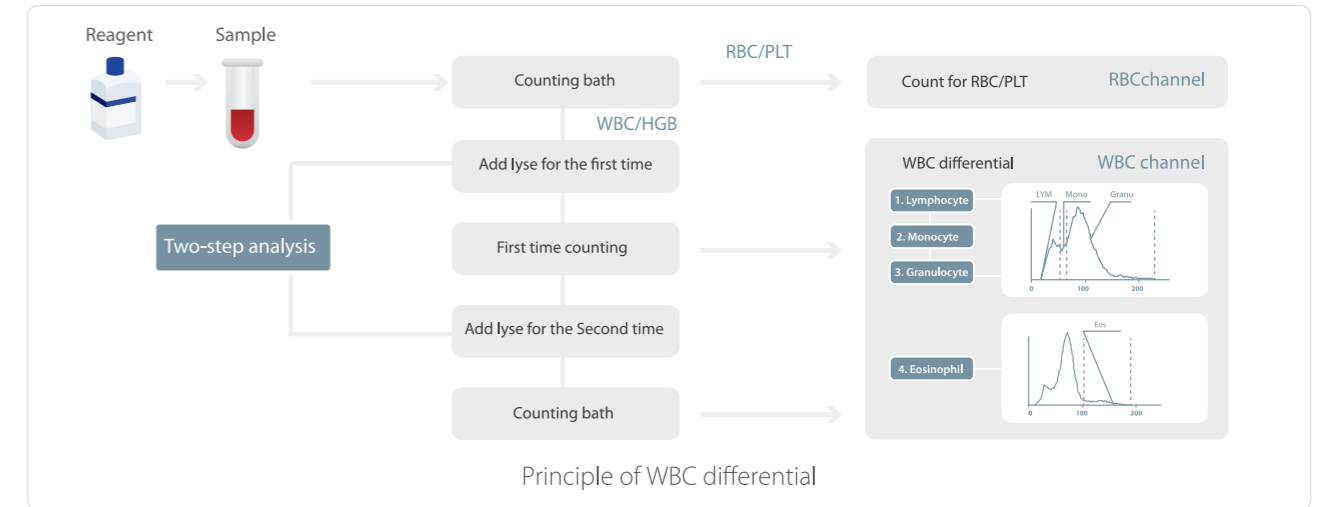
Innovative Technology, Elevated Quality

Accurate and stable WBC differentiation including Eosinophil using only 2 reagents

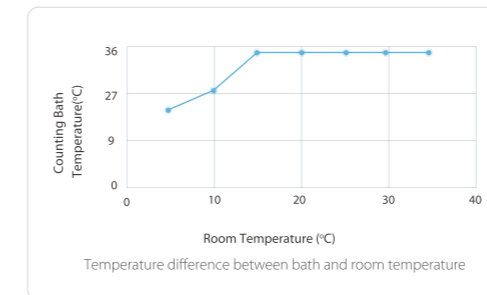
Accurate measurement of Eosinophil gives you more diagnostic information

BC-30 Vet utilizes advanced technologies to accurately count Eosinophil

Eosinophilia may suggest allergic reactions (such as allergies, asthma), parasitic infections, skin diseases, blood system diseases, and other recovery period of infectious diseases, adrenal insufficiency, etc



Temperature control system maintains reaction temperature, giving stable results even in cold environment



BC-30 Vet utilizes a temperature control system to stabilize reaction temperature, eliminating the clogging problems and resulting in accurate test results that come from operating in cold environments

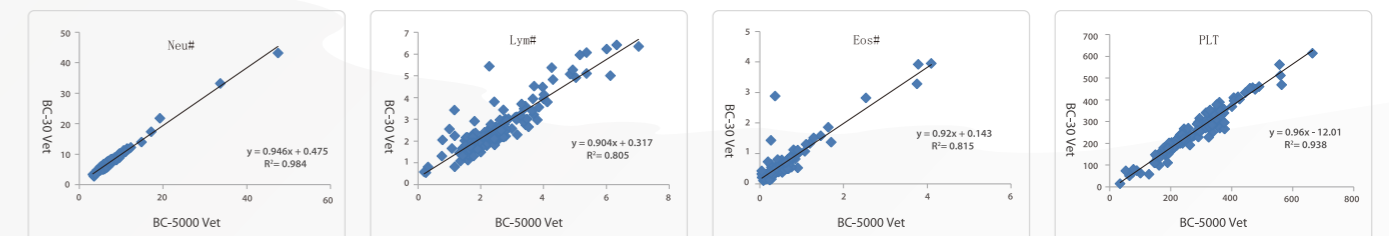
In low temperature environment, this system maintains the reaction temperature in the proper range, which prevents clogging and ensures more accurate results.

Weekly instead of daily maintenance, lower cost

Intelligent maintenance system effectively reduces unnecessary cleaning and cost. Farewell to daily maintenance

Traditional blood cell analyzers require daily maintenance or risk breakdown due to inadequate maintenance, which not only increases reagent consumption, but also increases cost. The intelligent maintenance system allows you to reduce maintenance to every 100 tests or every 7 days, saving time and cost.

The performance is comparable to 5-part hematology analyzer



Note: The evaluation benchmark is Mindray BC-5000 Vet