

Technical Specifications

Principles

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

Parameters

WBC, Lym#%, Mon#%, Gran#%, RBC, HGB, MCV, MCH, MCHC, RDW-CV,
RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC
*P-LCR and P-LCC only available for dog.
3 histograms for WBC, RBC and PLT

Sample Volume

Prediluted mode 20μL
Whole blood mode 9μL

Throughput

30 samples per hour

Display

8.4 inch TFT touch screen

Multi-language

Chinese, English, Russian, French, Spanish,
Portuguese, German, Italian, Polish, Turkish

Species

Dogs, cats, horses, rats, mice, rabbits, monkeys, pigs,
cows, alpacas, camels, sheep, goats 13 species + 20
custom species

Data Storage

Up to 100,000 results including numeric and
graphical information

Communication

LAN Port supports HL7 protocol
Support bi-directional LIS



Search Mindray Animal Medical

www.mindrayanimal.com
service@mindrayanimal.com

Interface

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

Printout

Thermal recorder, 50 mm wide paper

Operation Requirement

Temperature: 15°C~30°C
Humidity: 20%~85%
Air pressure: 70kPa~106kPa

Power Requirement

(100V-240V)±10%
≤180VA
(50Hz/60Hz) ±1Hz

Dimension and Weight

Dimension: Depth (410 mm) x width (325 mm) x height (435 mm)
Weight: 20kg



BC-20 Vet

Auto Hematology Analyzer

Quality you can always trust





WIFI Function

Support external WIFI module
Information transfer without network wiring



Flag Information

Advanced flagging provides early warning signs, such as alarm in WBC, RBC and PLT, aiding doctors in accurate disease prognosing



Internal Printer

Built-in thermal-printer for quick report generation



Built-in Lyse compartment

Built-in Lyse storage



Color Touch Screen

Easy operation with 8.4 inch of color touchscreen



Species

13 species - dog, cat, horse, rat, mouse, rabbit, monkey, pig, cattle, alpaca, camel, sheep, goat & 20 customizable species



Sleek Design

Modern and smart

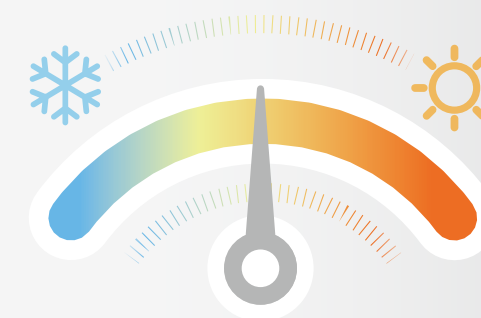
Temperature Controlling System

► Adapt to multiple scenarios

An advanced temperature control system ensures stable output results in varying temperature scenarios.

► Extremely low instrument clog rate

This advanced temperature control system maintains a constant temperature and reduces clogging.



Reliable and Stable

► Robust

The instrument uses precision components such as syringes, valves, electrodes, etc. 100% of the instrument underwent numerous tests, including aging and parts tests verification.

► Stable

A rigorous process is followed during the production of reagents.

Economical and Accessible

► Economical

An optimized liquid system design with only two testing reagents adequately reduces the testing cost.

► Modern and genius design throughout

Built-in touchscreen makes operation accessible on the fingertip.

