

BC-2800Vet

Auto Hematology Analyzer

Technical Specifications:

Parameters

WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PDW, PCT
 Additional for Dog, Cat, Horse, Rat, Mouse, Rabbit, Cow and Monkey
 Lymph#, Mon#, Gran#, Lymph%, Mon%, Gran%
 Eos% (Special for Dog and Cat)
 Histograms for WBC, RBC and PLT

Principles

Electrical impedance method for cell counting and cyanide free method for Hemoglobin

Performance

Parameter	Linearity Range	Precision (CV %)
WBC (10 ⁹ / L)	0.4-99.9	3.0 (7.5-15.0)
RBC (10 ¹² / L)	0.20 – 16.99	2.0 (3.50 -6.00)
HGB (g / L)	3-250	2.0 (120 -180)
MCV(fl)		2.0 (40.0-110.0)
PLT (10 ⁹ / L)	10-2999	6.0 (200-500)

Carryover

WBC, RBC, HGB ≤ 0.5%, PLT ≤ 1.0%

Sample Volume

Prediluted: 20 μL
 Whole Blood: 13 μL

Throughput

25 samples per hour

Display

Color LCD display Resolution: 800 x 600

Input/Output

RS232 x 2, 1 parallel printer (optional), 1 barcode scanner (optional),
 1 keyboard interface

Printout

Thermal recorder, 50mm width paper, multiple printout formats,
 external printer (optional)

Operating Environment

Temperature: 15 °C~30°C
 Humidity: 30%~85%

Power Requirement

AC 100-240V, 50/60Hz

Dimensions

322 mm (W) x 437 mm (H) x 386 mm (D)

Weight

Less than 23 Kg



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Auto Hematology Analyzer



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Mindray is listed on the NYSE under the symbol "MR"

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 P/N:ENG-BC2800Vet-210285x4-20130303



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 healthcare within reach

BC-2800Vet

Auto Hematology Analyzer



- CBC+DIFF for Dog, Cat, Horse, Rat, Mouse, Rabbit, Cow and Monkey;
- Additional Eos% measurement for dog and cat.
- 13 pre-defined animal species + 3 programmable animals on request
- Fully automated, compact, flexible and low cost
- Throughput: 25 samples per hour
- Micro sampling of 13uL whole blood
- Automatic sample probe cleaning
- Huge data storage of 10, 000 results with histograms

Multiple Animal Species

- 13 pre-defined programs (Dog, Cat, Horse, Rat, Mouse, Rabbit, Monkey, Cow, Pig, Buffalo, Sheep, Camel, and Goat) + 3 programmable animals on request

Convenient and Safe To Use

- Fully automatic
- Integrated self-cleaning system minimizes maintenance
- User friendly interface makes for ease of use
- Original cyanide free reagents ensure safe , Biohazard free operation

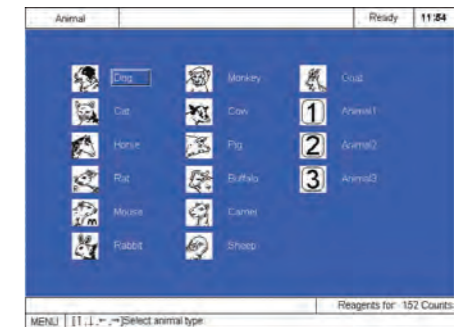
Superior Configuration

- Compact size requires small bench space
- Large color LCD display features intuitive communication
- Built-in thermal printer allows auto printing after every test

High Reliability and Accuracy

- Independent counting system for each species to ensure high accuracy
- Fully integrated calibration and quality control programs

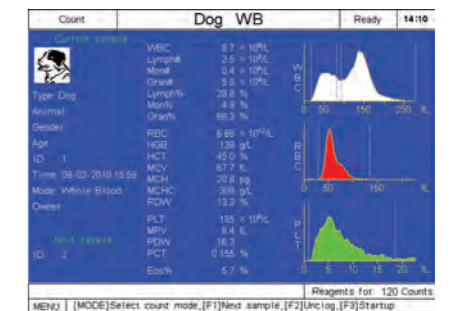
Operation Procedures



Step 1 Our Integrated list makes species selection easy



Step 2 Fully automatic aspiration and dilution procedures



Step 3 Results in less than three minutes; All parameters and histograms are visualized and printed



Step 4 Programmable multi-format printout