MINDRAY

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BC-2800Vet
Auto Hematology Analyzer

MINDRAY™

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Auto Hematology Analyzer

- 3-part differentiation of WBC for Cat, Dog, Horse, Mouse, Rat, Rabbit, Cow and Monkey, 18 parameters + 3 histograms
- 13 pre-defined animal species + 3 programmable animals on request
- Fully automated, compact, flexible and low cost
- Throughput: 25 samples per hour
- Automatic sample probe cleaning
- Huge data storage of 10, 000 results with histograms

Multiple Animal Species
- 13 pre-defined programs(dog, cat, horse, mouse, rat, rabbit, pig, cow, buffalo, camel, sheep, monkey and goat) + 3 programmable animals on request

Convenient and Safe To Use
- Fully automatic
- Integrated self-cleaning system minimizes maintenance
- Cyanide free reagents avoid environmental risks

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
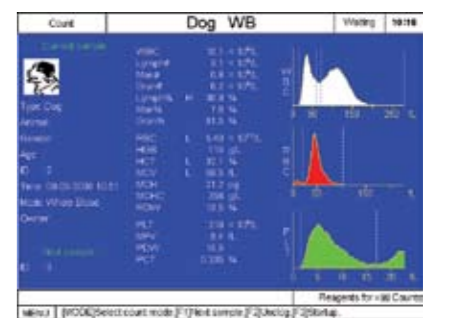
Operation Procedures

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

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Technical Specifications

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

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

Sample Volume
Prediluted   20µl
Whole Blood   13µl

Throughput
25 samples per hour

Display
Color LCD display
Resolution: 640x480

Carryover
WBC, RBC,HGB≤ 0.5% , PLT≤1%

Input/Output
RS232x2, 1parallel printer(optional), 1 barcode scanner(optional), 1 keyboard interface

Printout
Thermal recorder, 50mm width paper, various printout formats, printer optional

Operating Environment
Temperature: 15℃ ~30℃
Humidity: 30%~85%

Power requirement
100-240V~50/60Hz

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

Weight
17.9Kg

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