

TECHNICAL SPECIFICATIONS

Parameters

22 Reportable parameters : WBC, LY, MID, GR, LY%, MID%, GR%, Hgb, RBC, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, PCT, MPV, PDW-SD, PDW-CV, Mentzer index, Sehgal index

4 Research parameters : PLCR*, PLCC*, GLR*, PLR*

Measuring Method

Electrical Impedance for WBC, RBC and Platelets
Non-cyanide Photometric Hemoglobin detection method

Sample Mode & Aspiration Volume

Whole Blood - 7.5 μ L
Dilution or High mode - 3.75 μ L

Calibration

Manual & Automatic calibration

Throughput

Results within 45 seconds

Reagent System

Diluent, Lyze, Cleaner

Display

9" Touch Panel Colour LCD with back light

Quality Control

Tri-level QC with LJ plot

Alarm System

Low volume (20%) blinking indicator for Diluent, Lyze and Cleaner

Operating Environment

Temperature : 15°C - 35°C
Humidity : 30 - 80%

Auto Blanking

Yes

Printer

Built-in thermal printer

Data Storage

50,000 Patient Records with Histogram

External Interface

USB (Keyboard, Barcode reader, Pendrive, Mouse)

Histograms

RBC, WBC and Platelets

Species

Pet Animals : Dog, Cat
Domestic Animals : Cattle, Buffalo, Pig, Horse, Goat, Sheep
Laboratory Animals : Mouse, Rat, Guinea pig, Rabbit, Ferret, Primate
(Programmable for other animal species)

Dimensions

430mm (L) X 280mm (W) X 425mm (H)

LIS

Unidirectional

Power Requirement

110/220VAC (\leq 10%), 50/60Hz (\leq 3Hz), 75W

Weight

Approx 17kg

* Optional Barcode reader available along with Keyboard, Mouse & Printer



*Specifications are subject to change without the prior notice of manufacturer.



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Erai VetCell300

3 - PART HEMATOLOGY ANALYZER

ACCURATE | VERSATILE | DEPENDABLE

Veterinarians, dedicated to animal health, seek solutions that provide accurate results, reliable instruments, and species-specific optimization, while also addressing the needs of our cherished family pets.

