Erai VetCell300

3 - PART HEMATOLOGY ANALYZER

Erma TOKYO SINCE 1908

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.



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 - 7.5µL,
  Dilution or High mode - 3.75µL

- **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 (≤10%), 50/60Hz (≤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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