

Exigo™ H400 veterinary hematology system

When quality counts

Committed to animal health, veterinarians look for solutions that offer the best possible care. For diagnostic testing, this includes accurate results, instrument reliability, and species optimization but also meeting the needs of the very special patients that are our family members.

Designed for robustness and ease-of-use, the Exigo hematology system suits many types of veterinary clinics:

- Twelve pre-installed animal profiles provide flexibility.
- MPA technology enables a complete blood count from one drop of blood in one minute.
- Robust equipment design helps ensure instrument uptime.



Technical specification

Parameters

19 parameters:

- RBC, MCV, HCT, MCH, MCHC, RDW#, RDW%, HGB
- PLT, MPV
- WBC, LYM#, LYM%, MON#, MON%, GRA/NEU#, GRA/NEU%, EOS#, EOS%

Species

12 pre-installed species profiles:

- 4-part WBC differential with for dog, cat and horse
- 3-part WBC differential for cattle, ferret, rabbit, sheep, rat, mouse, pig, goat and new world camel

Possibility of creating own profiles manually

Reagents

3 RFID-locked reagents are used for analysis:
Exigo Diluent, Exigo Lyse, Exigo EOS Reagent

Throughput

Up to 53 samples/hour

Sample analysis

Samples: Venous blood, capillary blood, pre-diluted.
Sampling system: Closed shear valve, micro-capillary (MPA).
Sample volume: Open tube aspiration 110 µL, micro-capillary (MPA) 20 µL.

Linearity ranges

PLT: 30–1800 × 10⁹/L
RBC: 0.5–20.0 × 10¹²/L
WBC: 0.5–99.9 × 10⁹/L
EOS: 0.1–8.0 × 10⁹/L
HGB: 0.5–20.0 g/dL

Display

7 inch TFT touch screen

Data storage capacity

Up to 50 000 samples

Interface ports

4 USB ports, 1 LAN port that supports LIS/HIS communication through HL7 protocol

Printout

Postscript-compatible printers supporting PCL 3/5e

Dimension

395 mm (H) × 295 mm (W) × 475 mm (D)

Weight

18 kg

Additional Features

Built-in mixer for 6 tubes of 3 different sizes.
Hematological Guidelines for pathological samples.
Control Assay Values scanned into system through barcode entry.
On board clot prevention system.

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