

# World-class veterinary hematology system



## New Exigo H400

- CBC from one drop of blood
- Easy-to-use interface
- 12 pre-installed animal profiles
- Robust and reliable

**exigo**

# Exigo – when quality counts!

**Exigo H400 is a world-class veterinary hematology analyzer that transforms an animal blood sample into highly-accurate, easy-to-evaluate results. A robust and flexible system with unique features like Micro Pipette Adapter – MPA, on-board reagents and maintenance-free for the user.**

## Modern hi-tech solutions – when quality counts

To the widely-recognized reliability and accuracy of earlier Exigo models, new Exigo H400 adds a host of hi-tech attributes. A high-resolution, user-friendly touch-screen and greatly improved connectivity, for example. Plus more powerful software with practical improvements such as an extended memory for 50,000 records.

When quality counts, Exigo H400 still leads the way. It's a world-class veterinary hematology analyzer that quickly transforms an animal blood sample into highly accurate, easy-to-evaluate results.

## Advanced 4-part WBC differential

Exigo H400 delivers a reliable 19 parameter results. The reagent-based eosinophil method provides a 4-part differential of white blood cells. A quality method for one of the more difficult parameters you need to measure.

## 12 pre-installed animal profiles

Advanced, reagent based 4-part WBC differential including eosinophils for dog, cat and horse. High quality 3-part WBC differential for cattle, ferret, rabbit, sheep, rat, mouse, pig, new world camel and goat.

## Perfect for very small blood volumes

Small blood volumes from small pets present no problems for Exigo H400. The patented MPA micro-pipette adaptor delivers a reliable result from only 20  $\mu$ L of blood. There's no preparation, no pre-dilution, no vacuum tubes and no mixing. Simply draw the sample into the special micro-capillary tube, slide it into the adaptor and insert in the analyzer. Then read the full CBC result just about one minute later.



With the patented MPA you get a reliable result from only 20  $\mu$ L of blood. Perfect for small animals!



Result can be presented with all parameters and graphs or with reference bars.

# Robust and easy-to-use



## Easy-to-follow user interface

Exigo H400 is self-intuitive. Its seven-inch touch-sensitive display with an 800 x 480 pixel WVGA landscape-view color screen is easy-on-the-eye. The clean, uncluttered design with tabs, buttons and explanations promotes smooth operation and accurate assessment of results. And with the reference bar view, you can see at a glance if results are within range, or use traditional views with graphs, parameters and alerts.

## Guidelines for pathological samples

Instead of mysterious flags and strange error codes, Exigo H400 offers hematological guidelines with clear recommended actions for pathological samples, as well as useful system information messages. Just press the i-button!

## Maintenance-free

Exigo H400 is robust and reliable. It requires no regular user maintenance. The on-board enzymatic cleaner automatically keeps the system free from protein build-up and bacterial growth. This built-in feature reduces blood clot problems to a fraction compared with veterinary analyzers that lack this functionality.

## Built-in mixer saves space

Sample handling is very important for good quality results. Exigo H400 features a dedicated, built-in mixer with a six-tube capacity. As well as ensuring efficient mixing, it also saves space. No need for extra equipment occupying valuable bench space!

# Reliable quality concept



## Connect and communicate

New Exigo H400 is fully-equipped to meet new ways of communicating. It features a host of connection possibilities for printers, keyboards, barcode readers, USBs etc. This better connectivity includes HL7 industrial standard protocol, together with the previous XML protocol. LIS connection via a LAN port. Furthermore, this improved connectivity is very easy to use, as the front-panel USB port demonstrates.



Improved connectivity with a front-panel USB port.

## Part of a Totally Quality Concept

Exigo H400 system is part of a Totally Quality Concept that comprises instruments, reagents, quality control materials, service and support – an unbroken chain of know-how in veterinary hematology systems.

## Built-in system verification

Every veterinarian, as well as their patients, should be able to trust their analyzer and depend on its results. That's why a full QC system has been designed into Exigo H400 software. And with barcodes for handling and registering controls and their assay values, it's both simple to use and 100% secure.



No hematology testing system is complete without a quality control program.



## 12 pre-installed species profiles

- Dog
- Cat
- Horse
- Cattle
- Ferret
- Rabbit
- Sheep
- Rat
- Mouse
- Pig
- Goat
- New World Camel

# Basic technical description

**Exigo H400 delivers a 4-part differential of white blood cells: LYM, MONO, NEUT and EOS. With reagent based method for measurement of eosinophil granulocytes. Its key features and operating parameters are listed below.**

## Specification

- Full automatic system with 19 parameters:  
WBC, LYM abs, MON abs, NEU abs,  
EOS abs, LYM%, MON%, NEU%, EOS%  
RBC, MCV, HCT, PLT, MPV, HGB, MCH,  
MCHC, RDW%, RDW abs
- 12 pre-installed species profiles
- Advanced WBC differential  
with 4-part for dog, cat and horse  
with 3-part for cattle, ferret, rabbit, sheep, rat,  
mouse, pig, goat and new world camel
- Open tube aspiration or direct start with a  
20 µL micro-capillary
- Built-in mixer for 6 tubes of 3 different sizes
- 7" Color touch screen with self-intuitive operation
- Hematological Guidelines for pathological samples
- Maintenance free – On board clot prevention system
- Control Assay Values scanned into system  
through barcode entry
- Capacity up to 53 samples per hour
- USB output



## Dimensions and weight (excluding reagents)

Dimensions (HWD): 395 x 295 x 475 mm

Weight: 18 kg

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