Element HT5

Parameter
- WBC, RBC, PLT, HGB, MPV, HCT, MCV, MCH, MCHC, RDW-CV, NEU#, NEU%, LY#, LY%, MON#, MON%, EOS#, EOS%, BAS#, BAS%

Species
- Dog, Cat, Rabbit, Ferret, Horse, Cattle, Pig, Goat, Sheep, Llama, Mouse, Rat, Monkey, Giant Panda, Red Panda

Histogram
- RBC / PLT / WBC

Scattergram
- WBC

Sample type
- EDTA Whole Blood

Sample volume
- 15 µL

Measurement time
- 60 Seconds

Measurement principle
- RBC and PLT: electrical impedance method
- HGB: colorimetric method
- WBC: laser flow cytometry

Interface
- 4 x USB, 1 x Ethernet, bidirectional transmission

Dimensions
- 435 x 325 x 410 mm (H/B/T)

Weight
- 25 kg

Display
- Touchscreen Display

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VETERINARY HEMATOLOGY ANALYZER

Your contact person

TAKE HOME MESSAGE

Element HT5

VERS.:ENG202001222

PRODUCT BROCHURE

scil veterinary excellence

HEMATOLOGY
Accurate results in just one minute

The Element HT5 determines a hematological blood count with 20 parameters in less than one minute.

The accurate results of the sample measurement are displayed in a WBC scattergram and RBC/PLT histograms. The Element HT5 hematology system combines three measurement methods for reliable results:

- the laser flow cytometry for the detection of lymphocytes, monocytes, neutrophils and basophils
- the impedance method for detection of red blood cells and platelets
- the colorimetric method for the HGB detection.

To determine a blood count, the Element HT5 takes only 15 µL EDTA whole blood. The small sample volume proves to be a practical advantage, especially for small patients.

Analyzing a sample is facilitated by clear instructions on the large touch-screen display. The menu is intuitive and the different functions can be easily assessed on the screen.

The Element HT5 optimizes the work flow in your practice by offering a bidirectional data transmission. You can easily send a lab request from the examination room directly to the Element HT5. After the analysis, the Element HT5 will send the patient results directly back to your desk.

Element HT5 – your hematology system for daily use