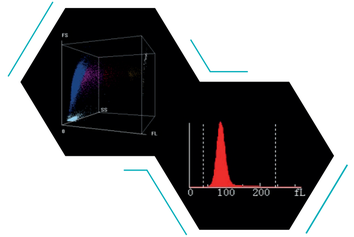
Element HT5+
Reliable and fast

The reliability of a reference laboratory in your clinic with **Element HT5+**!

Get a fast and complete blood count with **33 parameters including reticulocytes**.
Easy and fast reading of results from the analyzer screen. Histograms presence combined with the **3D view scattergram** function allows you to obtain a visual representation of your results for an ever more accurate diagnosis.

SCATTERGRAM
3D VIEW



HISTOGRAMS
RBC, WBC and PLT

TECHNICAL DATA	
Connection	4 x USB, 1 x Ethernet, bidirectionality
Size	435 x 325 x 410 mm (WxDxH)
Weight	25 kg
Display	Touchscreen display

Create your
DREAM LAB
with the benefits of the
RESET PROGRAM

reset program
5 reasons to adopt it!

Transparency
Performance
Profitability

01 Cutting edge tech
02 Free analyzer use
03 Services included
04 Lowest test prices
05 Price protection

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v-202305

element HT5+
VETERINARY HEMATOLOGY ANALYZER

PRODUCT BROCHURE

VETERINARY EXCELLENCE

Element HT5+
Hematology in everyday life!

FAST

- Large **touchscreen**.
- Intuitive and quick-to-learn features for an **accelerated workflow**.

SIMPLE

- **RFID reader integrated to the analyzer**.
- More than easy to install reagents.

EFFICIENT

- **Bidirectionality.**
- Create a request and manage the incoming patient data directly in your practise management software.

Complete blood count
in less than 2 minutes!

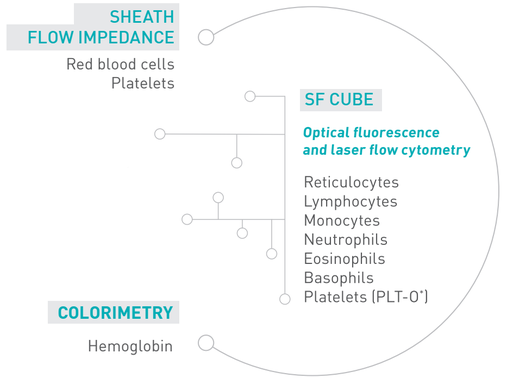
01 ENTER DATA PATIENT.

02 ASPIRATE SAMPLE.

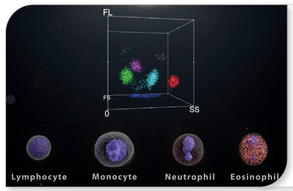
03 READ THE RESULTS.

3 technologies
for accurate results!

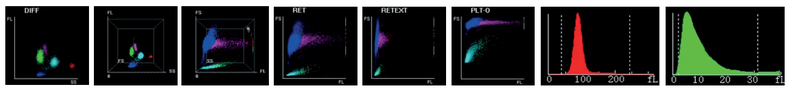
Three state-of-the-art technologies are used in the analyzer to ensure highly accurate **categorization** and **counting**. Flow cytometry in combination with optical fluorescence (SF Cube) provides precise results of **reticulocyte counting**, **leucocyte differentiation** and **optical detection of platelets**. Accurate **hemoglobin concentrations** are detected using colorimetric photometry. The erythrocyte count is carried out using the proven impedance technology.



SF Cube,
a revolutionary technology!



The use of laser **flow cytometry** in combination with **optical fluorescence** provides unparalleled accuracy in **counting leucocytes and reticulocytes**. Thanks to fluorescence, the genetic material (DNA and RNA) is analyzed in order to increase the specificity of cell categorization and to avoid interferences linked in especially to platelet aggregates.



Complete
hematological evaluation!

PARAMETERS

33 parameters

ERYTHROCYTES

Red Blood Cells	RBC
Hemoglobin	HGB
Hematocrit	HCT
Mean Cell Volume	MCV
Mean Corpuscular Hemoglobin	MCH
Mean Corpuscular Hemoglobin Concentration	MCHC
Red Blood Cells Distribution Width	RDW

LEUCOCYTES

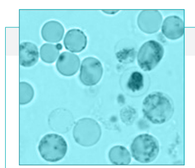
White Blood Cells	WBC
Lymphocytes	LYM#, LYM%
Monocytes	MON#, MON%
Neutrophils	NEU#, NEU%
Eosinophils	EOS#, EOS%ww
Basophils	BAS#, BAS%

PLATELETS

Platelets	PLT
Mean Platelet Volume	MPV
Plateletcrit	PCT
Platelets Distribution Width	PDW

BODY FLUIDS

White Blood Cells - Body Fluids	WBC-BF
Total Nucleated Cells - Body Fluids	TC-BF#
Mononuclear Cells	MN#, MN%
Polynuclear Cells	PMN#, PMN%
Red Blood Cells - Body Fluids	RBC-BF



RETICULOCYTES

Reticulocytes	RET#, RET%
Reticulocyte Hemoglobin	RHE

*Non-exhaustive list of parameters.