



# **Vision A1 Hema Vet**

# Digital Scanning Analyzer for Hematology

✓ Automatic identification of animal blood cells



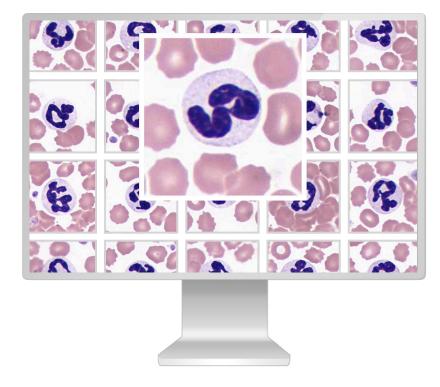




## Cutting-edge technologies for veterinary laboratory

Vision A1 is a digital scanning analyzer for hematology research in veterinary.





- Automatic sample scanning
- Automatic analysis and pre-classification
- Automated microscopy

- Convenience of operation and easy to use
- For small and medium-sized laboratories
- Reduced analysis time

### Accurate results

Vision A1 provides accurate results of early diagnostics that provide an opportunity to prevent diseases in the initial stages.

#### Hematology scanning analyzer for veterinary

- Artificial intelligence
- A wide range of tools for viewing of digital samples
- Additional modules and services for efficient work

#### Scanning in 3 easy steps

#### Step 1



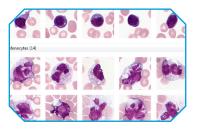
Place the slide in the slide holder





Insert the holder into the scanner and start scanning of the slides

Step 3



Get the result

## Vision Hema Vet — automatic blood smear analysis

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		24.09.2019 16:33	Smudge cells	4	41	122			

#### Identification of blood cells of different animal species

Vision Hema Vet identifies blood cells of dogs, cats, mice, rabbits, goats, monkeys, elephants and other animals.

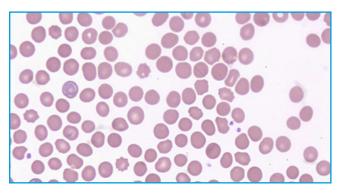
#### Identification and pre-classification of leucocytes

- Basophils
- Eosinophils
- Promyelocytes
- Myelocytes
- Metamyelocytes
- Paloconuclear neutrophils

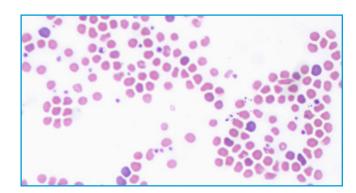
- Segmented neutrophils
- Lymphocytes
- Monocytes
- Reactive lymphocytes
- Blasts
- Erythroblasts



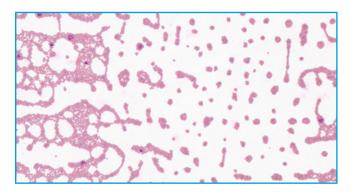
## **Blood cells identification**



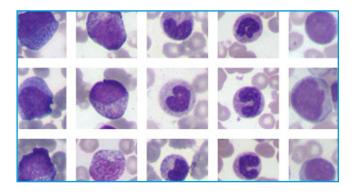
Analysis of erythrocytes



Analysis of platelets



Scanning of blood smear tail



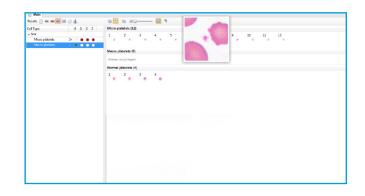
Analysis of complex and pathological cells

#### **Additional modules**

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	Cabot rings		•			8,2	65	66	67	68	69	70	71	72	73	74
	Henell-Jolly		•			87,3										
	Pappenheimer		•													
	Besophilic stippling						81	82	83	84	85	86	87	88	89	90

# Vision Extended RBC

Extended red blood cells count



Vision Extended PLT Extended platelets count

## Personal cloud storage for microscope digital slides

**Pathoview** is a service for storage and exchange of digital slides.

www.pathoview.com





#### Uploading

Upload your slides in any way convenient for you: via a web browser, from the Vision and Vision Slide Viewer applications, or send them using your Vision Suite organization.



#### Shared access

Information exchange — share and discuss your slides with colleagues. Quick and easy sharing of links to slides of any size.



#### Storage

Save digital slides in Pathoview, and they will always be at your fingertips, wherever you are. Ensure access to digital slides from any device.



#### **Digital slides**

The service supports the major digital slide formats: .mrxs, .svs, .tiff, .ndpi, .dcm.

## More ways to work with digital slides

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	Slide View	<ul> <li>LIS</li> </ul>	Sample Date	ID	Sample
0		0	12/05/2018, 5:49 PM	2850	CBC
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			12/05/2018, 7:33 PM	4914	CBC

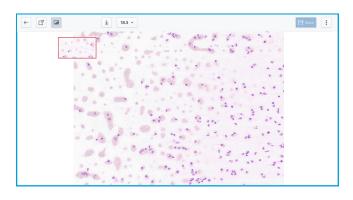
Supported DS formats: SVS, TIFF, NDPI, MRXS, DCM SVS, TIFF, NDPI, MRXS as ZIP archive, DCM as ZIP archive Or drag & drop your files here SVS, TIFF, NDPI, MRXS as ZIP archive or ".mrxs + Folder", DCM as ZIP archive or Folder

Digital slide viewing

Uploading	samples via	browser
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WM	MEDICA Samples (59)					
←						
	https://pathoview.com/i/f47d3fc7-ad7	<ul> <li>LIS</li> </ul>	Sample Date	ID	Sample	
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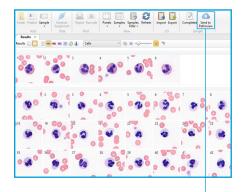
Creating a link to send to your colleagues for discussion



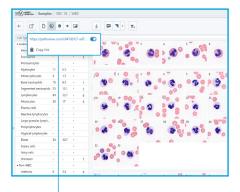
Digital slide viewing with different resolution

#### Integration of Vision and Pathoview

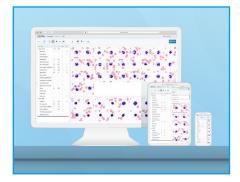
Add your Pathoview account data to the settings of Vision Software. Now you can upload your slide to the cloud storage for consultation with colleagues.



Upload a sample from Vision to Pathoview



Copy the link and send it to colleagues for consultation



Your colleague is viewing the slide on any device

## **Specifications**

Application module	Vision Hema Vet					
Additional modules	Vision Extended RBC Vet Vision Extended PLT Vet					
Module for viewing and sharing digital samples	Pathoview					
Scanning	Automatic					
System components	Scanning block Workstation Monitor External barcode reader Built-in label reader (option)					
Objective	60x/1,25					
Number of slides	1					
Barcode support	1D, 2D					
Illumination method	Brightfield					
Microscopic slide	Standard 75x25 mm, thick 1.1 mm					
Communications	Bidirectional connection to LIS, LIS2-A2 (ASTM), HL7					
Database	Consolidation of several systems into one database; archiving v export to external media					
Power	110–240 W/50–60 Hz					
Working temperature	15–30 °C					
Humidity	20-80 %					



We reserve the right to change specification without notice.



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