

Digital Microscopy and AI Clinical and Research Applications

# Digital Scanning Analyzers for Histology and Cytology in Veterinary



## DIGITAL SCANNING ANALYZERS

### Vision A1



### Key features

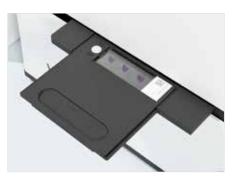
- Loading 1 slide
- Automatic sample scanning

For small and medium-sized laboratories

### Scanning process

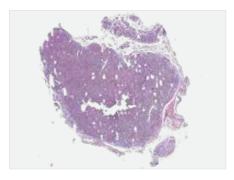


Place the slide to the slide holder





Install into the slide scanner and start scanning



03

Get the result!

### **Vision Assist**



- · Loading 1 or 4 slides
- Automatic sample scanning
- For small and medium-sized laboratories

#### **Vision Pro**



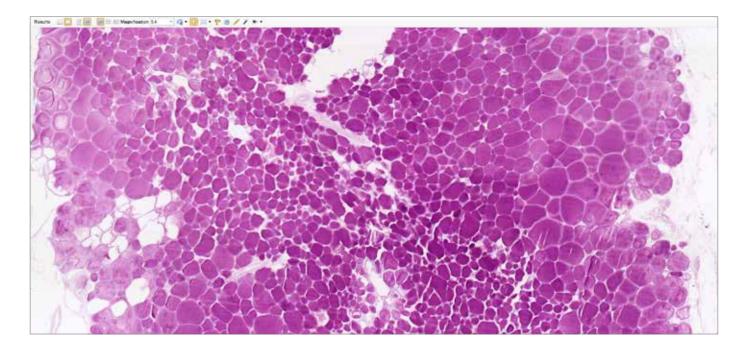
- · Loading 4 or 8 slides
- Automatic sample scanning
- Random access
- For medium and large laboratories

### **Vision Ultimate**



- Loading 120 or 200 slides
- Automatic sample scanning
- High scanning speed and image capture of the whole sample
- Random access and testing of urgent samples
- Night shift work without an operator
- For centralized and large-sized laboratories

### Vision Slide Vet Digital cytology and pathology



#### Convenient work with digital slides

Vision Slide Vet provides quick access to high quality digital slides for histopathology and cytology in veterinary. Specialists can easily edit images: rotate, highlight areas of interest and zoom in and out, which greatly simplifies the analysis and diagnosis process.

#### Features of Vision Slide Vet

Sample type:	Histo
ID:	30
Sample Date:	14.05.2018 11:56 📑 🗉
Last Change Date:	07.03.2023 13:24
Validation Date:	25.09.2018 12:24
Validated by:	Hema-PC\Hema
Doctor:	<u></u>
Status:	Scanned ~
Scan Time:	01:48

Sample information

Customizable electronic form

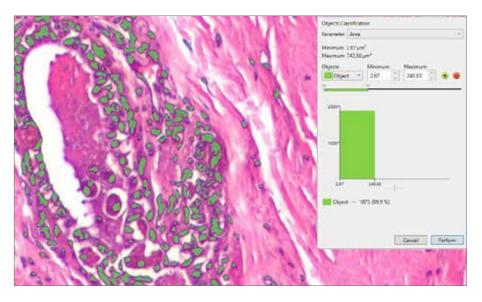


Storage
Database for storing digital slides

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#### Report

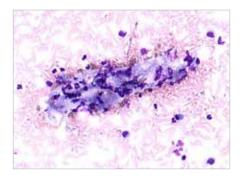
Preparation of reporting documents



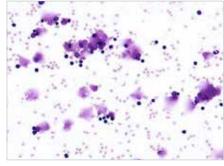
# Identification and classification of objects

Color selection of objects for analysis. Search and classification of the objects of analysis according to the necessary criteria. Automatic or manual object identification on the digital slide. Measurements of linear and optical parameteres for particles.

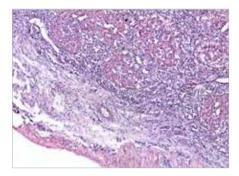
### Digital animal slides



Dog effusion fluid



Cow effusion fluid



Cat adrenal gland



### **Vision Remote**



www.wm-vision.com

**Remote workstation** 

## **Vision Suite**



www.vision-suite.com

Remote operation of Vision software via Internet browser

## **Vision Expertise**



#### www.vision-expertise.com

Online testing and validation of specialists' knowledge in microscopy

# Artificial intelligence for digital microscopy



With artificial intelligence technologies, Vision's digital microscopy solutions optimize and standardize laboratory workflow.

#### **Pathoview**



#### www.pathoview.com

# Working with digital slides via internet browser

Upload, view, store and share digital slides



#### Uploading

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



#### 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.



#### Shared access

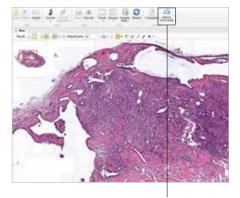
Information exchange — share and discuss clinical cases with colleagues. Quick and easy sharing of links to slides of any size.



#### **Digital slides**

Support ovarious digital slide formats: .mrxs, .svs, .tiff, .ndpi, .dcm.

#### Vision and Pathoview integration



In Vision select a sample and click the "Submit" button on the toolbar



In Pathoview click the "Submit" button, copy the link and send it to your colleagues for consultation



Your colleague views the digital slide on any device

### Digital scanning analyzers

Key features	Vision A1	Vision Assist	Vision Pro	Vision Ultimate
Application modules	Vision Slide Vet	Vision Slide Vet	Vision Slide Vet	Vision Slide Vet
Working mode	Continuous loading	Queue (for 4 slides only)	Queue, random access	Queue, continuous and random access, STAT sampling, 24/7
Scanning	Automatic	Automatic	Automatic	Automatic
Loading a slide	1 slide	1 or 4 slides	4 or 8 slides	120 or 200 slides
Specifications	Scanning unit Personal computer Monitor	Scanning microscope Personal computer Monitor	Scanning microscope Personal computer Monitor	Scanning microscope Personal computer Monitor Control touch-monitor
Objectives	20x	20x	20x	2,5x, 10x, 20x
Research method	Bright field	Bright field	Bright field	Bright field
Illumination	Köhler illumination, LED	Köhler illumination, LED	Köhler illumination, LED	Köhler illumination, LED
Communications	Bidirectional connection to LIS, LIS2-A2 (ASTM), HL7			



Pre-classification has to be validated by the specialist reviewing the galleries of cells. Please check the intended use and the registration in your local regulation. Depending on the regulations of the respective region, some products may be used for research purpose only. We reserve the right to change specification without notice.



West Medica Produktions- und Handels-GmbH Brown-Boveri-Straße 6, B17-1 2351 Wiener Neudorf, Austria tel.: +43 (0) 2236 892465, fax: +43 (0) 2236 892464 vienna@westmedica.com, www.wm-vision.com

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Rev 1.0\_01.2025 EN