



Vision Microscopy

Software for clinical laboratory and digital microscopy

report 
VISION



Vision Report

Report generation and management of digital albums in microscopy



report 
VISION

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New standards in the daily work

Applications



medicine



clinical laboratory



cytology



histology



hematology



pathology



forensics



microbiology



veterinary



life science



education



biology



botany



zoology



remote consultations



specialist training



telemedicine



Vision concept

Vision concept is a modern approach to diagnostics, combining microscopy, digital image processing and analysis data. Specialists, that are looking for professional development and recognize new digital technologies, are presented with unlimited resources in their field.

Vision digital solutions

Vision digital solution is a workplace to obtain, manage, analyze and interpret digital microscopic samples. You work with a unified system where priority is given to efficiency.

Vision+ digital solutions

Vision+ digital solution combines the possibilities of digital solutions in microscopy and analytic medical devices to provide an integrated patient assay and a correct diagnosis.

Improve your standards and enhance the quality of your work! Take control of the increasing amount of information in your laboratory.

Vision software



Digital microscopy

Digital microscopy (digital pathology) is a digital environment for managing and analyzing microscopy data, which is obtained using a microscope, a camera, software and a computer.

Digital microscopy allows you to attain qualitative and quantitative results, which are either impossible to receive by other means or cost and time consuming.

Vision Uri	Software for urine analyzers
Vision Uri+	Software for working with microscopic examination of urine sediment and chemistry urine analysis
Vision Sperm+	Software for sperm analysis
Vision Album	Software for management of digital albums in microscopy
Vision Report	Software for report generation and managing digital albums in microscopy
Vision Bio	Software for analysis, report generation and managing digital albums in microscopy
Vision Slide	Software for virtual sample preparation in microscopy
Vision Stereo	Software for virtual sample preparation in stereo microscopy
Vision Morpho	Software for virtual slide preparation and morphology analysis in microscopy
Vision Epi	Software for virtual slide preparation and morphology analysis in fluorescence microscopy
Vision Derma	Software for examination, report generation and managing dermatoscopy studies

Urine analysis



Vision Uri — software for urine analysers

- Storage and management of patient records, analysis results and reports of the computer
- Automatically uploads results from a urine analyzer (77 Elektronika or others upon request)
- Possibility to input additional analysis parameters
- Generation of a report containing information about patient and institution, analysis results, images, comments, etc.
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database



Vision Uri+ — software for working with microscopic examination of urine sediment and chemistry urine analysis

- Storage and management of patient records, analysis results and reports of the computer
- Possibility to create, edit, organize, classify and comment on digital albums
- Professional set of tools for image enhancement
- Automatically uploads results from a urine analyzer (77 Elektronika or others upon request)
- Stores various parameters of urine analysis: biochemical urine analysis and urine sediment microscopy. Possibility to input additional analysis parameters
- Generation of a report containing information about patient and institution, analysis results, images, comments, etc.
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database

Sperm analysis



Vision Sperm+ — software for sperm analysis

- Storage and management of patient records, analysis results and reports of the computer
- Possibility to create, edit, organize, classify and comment on digital albums
- Professional set of tools for image enhancement
- Stores various parameters of sperm analysis: physical and chemical, WHO, individual, sperm microscopy. Possibility to input additional analysis parameters
- Generation of a report containing information about patient and institution, analysis results, images, comments, etc.
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database

Digital microscopy



Vision Album — software for management of digital albums in microscopy

- Storage and management of patient records and digital samples on the computer
- Possibility to create, edit, organize, classify and comment on digital albums
- Adjustable system of comments
- Professional set of tools for image enhancement
- Convenient and secure storage in the database



Vision Report — software for report generation and managing digital albums in microscopy

- Storage and management of patient records, digital samples and microscopy reports on the computer
- Possibility to create, edit, organize, classify and comment on digital albums
- Professional set of tools for image enhancement
- Report templates are designed according to laboratory microscopy analysis standards
- Ready-made report templates: cytology, histology, myelogram, urine, stool, etc.
- Possibility to choose and edit ready-made report templates and create your own blanks
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database



Vision Bio — software for analysis, report generation and managing digital albums in microscopy

- Storage and management of patient records, digital samples, analysis results and reports on the computer
- Professional set of tools for image enhancement
- Individual calibration of the optical system to work with different microscopes and objectives
- Possibility to create, edit, organize, classify and comment on digital albums
- Manual and automatic selection of objects of interest. Determination of size, form, location, optical parameters of selected objects.
- Automatic analysis and classification of elements adapted to required analysis tasks. Automatic measurement and visual display of result
- Report templates are designed according to laboratory microscopy analysis standards
- Ready-made report templates: cytology, histology, myelogram, urine, stool, etc.
- Possibility to choose and edit ready-made report templates and create your own blanks. Your report can be printed in 1/2, 1/4 or several pages
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database

Digital microscopy



Vision Slide — software for virtual sample preparation in microscopy

- Storage and management of digital samples
- Creation of a complete digital sample, necessary when an object can't be seen entirely in the field of view with the required magnification
- Microscopic sample is automatically scanned according to required parameters: object area, autofocus, overlapping fields (%), etc.
- Possibility to comment on images in the atlas of microscopic objects
- Digital sample editor that manages and edits frames of the digital sample
- Professional set of tools for image enhancement
- Convenient and secure storage in the database



Vision Stereo — software for virtual sample preparation in stereo microscopy

- Storage and management of digital samples
- Creation of a complete digital sample, necessary when an object can't be seen entirely in the field of view with the required magnification
- Macroscopic sample is automatically scanned according to required parameters: object area, autofocus, overlapping fields (%), etc.
- Possibility to comment on images in the atlas of macroscopic objects
- Digital sample editor that manages and edits frames of the digital sample
- Professional set of tools for image enhancement
- Convenient and secure storage in the database



Vision Morpho — software for virtual slide preparation and morphology analysis in microscopy

- Storage and management of patient records, digital samples, analysis results and reports on the computer
- Professional set of tools for image enhancement
- Individual calibration of the optical system to work with different microscopes and objectives
- Possibility to create, edit, organize, classify and comment on digital albums
- Automatic analysis of morphology, form, marks, optical density and concentration for a wide range of objects. Automatic border selection for objects with automatic definition of contrast contours
- Generation of a report containing information about patient and institution, analysis results, images, comments, etc.
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database



Vision Epi — software for virtual slide preparation and morphology analysis in fluorescence microscopy

- Storage and management of patient records, digital samples, analysis results and reports on the computer
- Professional set of tools for image enhancement
- Individual calibration of the optical system to work with different microscopes and objectives
- Possibility to create, edit, organize, classify and comment on digital albums
- Automatic analysis of morphology, form, marks, optical density and concentration for a wide range of objects. Automatic border selection for objects with automatic definition of contrast contours
- Specialized tools for automatic selection and quantitative analysis of different cytochemical and fluorescence marks (FISH, FITC, AgNOR, NER2, Ki-67 and others)
- Generation of a report containing information about patient and institution, analysis results, images, comments, etc.
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database

Dermatoscopy



Vision Derma — software for examination, report generation and managing dermatoscopy studies

- Storage and management of patient records, dermatoscopy studies, examinations and reports on the computer
- Dermatoscopy studies are presented in the form of marks on the human body and are assigned to body parts
- Possibility to create, edit, organize, classify and comment on dermatoscopy studies and examinations
- Three types of examination: clinical, dermatoscopy and histology
- Examination comparison to detect changes in dermatoscopy studies
- Follow-up and diagnosis on dermatoscopy studies
- Professional set of tools for image enhancement
- Generation of a report containing information about patient and institution, analysis results, images, comments, etc.
- Reports are available for search, preview, edit, print and send by e-mail
- Convenient and secure storage in the database



Recommended to use with dermatoscope HEINE DELTA 20

Ordering information

Description	Code
Vision Uri Software for urine analyzers	20.0007.01
Vision Uri+ Software for working with microscopic examination of urine sediment and chemistry urine analysis	20.0008.01
Vision Sperm+ Software for sperm analysis	20.0009.01
Vision Album Software for management of digital albums in microscopy	20.0001.01
Vision Report Software for report generation and managing digital albums in microscopy	20.0002.01
Vision Bio Software for analysis, report generation and managing digital albums in microscopy	20.0003.02
Vision Slide Software for virtual sample preparation in microscopy	20.0102.01
Vision Stereo Software for virtual sample preparation in stereo microscopy	20.0105.01
Vision Morpho Software for virtual slide preparation and morphology analysis in microscopy	20.0103.01
Vision Epi Software for virtual slide preparation and morphology analysis in fluorescence microscopy	20.0104.01
Vision Derma Software for examination, report generation and managing dermatoscopy studies	20.0012.01



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