

Vision Microscopy

Additional equipment for Vision digital solutions and sample preparation in microscopy



New standards in the daily work

Applications



medicine



biology



microbiology



biology



veterinary



education



forensics



scientific research



remote counseling



specialist training



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.

Additional equipment

microscopy
VISION

StatSpin[®]

MES
Medical Electronic Systems Ltd.

77 Elektronika



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.

Additional equipment

V-Sampler	Blood smear preparation device
ThermoBrite	Denaturation and hybridization system in FISH procedures
GenSlide 2000	Centrifuge for high quality sample preparation in microscopic urine sediment analysis
CytoFuge 2	Centrifuge for high quality cytological sample preparation
CytoFuge 12	Universal cytocentrifuge
SQA IIC-P	Sperm quality analyzer
QwikCheck Gold	Sperm quality analyzer
HandUReader	Innovative portable urine analyzer for 11 parameters
LabUReader+	Desktop urine analyzer for 11 parameters

Blood smear preparation



V-Sampler — blood smear preparation device

- Easy to use
- Standardized process for blood smear preparation of high quality
- Simultaneous preparation of two smears
- Adjustable settings for thickness and size of a smear
- Compact and lightweight

DNA hybridization



ThermoBrite — denaturation and hybridization system in FISH procedures

- Programmable system for automatic denaturation and hybridization in FISH procedures (fluorescence in situ hybridization)
- Supports a wide range of sample types
- Assures overall precision and accuracy in FISH assays
- Rapid temperature ramp-up in less than 3 minutes
- Slides do not need to be fully loaded to maintain temperature accuracy across all 12 slide positions
- Optimal humidity control
- Numeric keypad allows for easy programming
- Can be used as a fixed temperature slide warmer
- Eliminates the preparation and disposal of hazardous solutions
- Slide guide keeps slides in place and allows for one hand removal
- Membrane panel allows for easy cleaning

Urine sample preparation



CenSlide 2000 — centrifuge for high quality sample preparation in microscopic urine sediment analysis

- Due to the use of special tubes urine sediment is redistributed evenly across the viewing area for microscopic analysis
- Control of urine sediment distribution in the viewing area of the tube
- Centrifuge is microprocessor-controlled to automatically spin tubes for a preprogrammed time and speed
- Urine sediment is concentrated and evenly dispersed throughout the tube's viewing area
- Centrifugation is completed in a remarkable 60 seconds, an 80% reduction from traditional methods

Cytological sample preparation



CytoFuge 2 — centrifuge for high quality cytological sample preparation

- Compact, quiet and safe cytological centrifuge
- Standardization in preparation of cytological samples
- Simultaneous preparation of up to 12 cytological samples
- Cells are gently concentrated in a monolayer onto a 7 mm diameter area on the slide with minimal cell loss to the filter
- Integral filter card absorbs fluid at a controlled rate during the spin cycle
- Patented rotor design eliminates trunnion carriers or bulky clamps
- Used to prepare high quality samples in a wide range of applications: haematology, cytology, microbiology, etc.



CytoFuge 12 — universal cytocentrifuge

- Compact, quiet and safe
- Standardization in preparation of cytological samples
- Simultaneous preparation of up to 36 cytological samples
- Cells are gently concentrated in a monolayer onto a 7 mm diameter area on the slide with minimal cell loss to the filter
- Integral filter card absorbs fluid at a controlled rate during the spin cycle
- Patented rotor design eliminates trunnion carriers or bulky clamps
- Used to prepare high quality samples in a wide range of applications: haematology, cytology, microbiology, etc.

Sperm quality analysis



SQA IIC-P — sperm quality analyzer

- Automatic determination of individual and integrated parameters
- Useful as a quick, reliable, qualitative fertility screening device
- Samples are analyzed, calculated and reported in 45 seconds
- Integrated self-testing and self-calibrating features
- Built-in printer provides a paper copy semen analysis report
- High sensitivity motility test for low motility specimens (post vasectomy)
- Application: small and medium-sized clinics, labs and physicians



QwikCheck Gold — sperm quality analyzer

- Automatic determination of individual and integrated parameters
- Rapid semen fertility analysis
- Automatic analysis in 75 seconds
- Automatically reads fresh, frozen, washed and post-vasectomy samples
- A “High Sensitivity” test mode for oligo-, asteno- and azoospermia determination, and vasectomy validation

Urine analysis



HandUReader — innovative portable urine analyzer for 11 parameters

- Innovative portable urine analyzer has two modules: analyzer and docking station with a built-in printer
- Determination of 11 parameters: bilirubin, urobilinogen, ketones, ascorbic acid, glucose, protein (albumin), blood, pH, nitrites, leucocytes, specific gravity
- Throughput: 50–60 tests/hour
- Touchscreen
- Large LCD display shows analysis results
- Memory capacity: 100 measurements
- LabStrip U11+ test strips

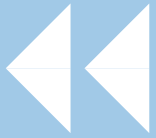


LabUReader+ — desktop urine analyzer for 11 parameters

- Determination of 11 parameters: bilirubin, urobilinogen, ketones, ascorbic acid, glucose, protein (albumin), blood, pH, nitrites, leucocytes, specific gravity
- Maximum throughput: 500 tests/hour
- Numeric keypad, built-in printer
- LCD display
- Memory capacity: 1000 results; patient log
- Selective print out
- Connection to PC and external keyboard
- Import worksheet from PC
- LabStrip U11+ test strips

Ordering information

Description	Code
V-Sampler Blood smear preparation device	80.0001.00
ThermoBrite Denaturation and hybridization system in FISH procedures	TS02
GenSlide 2000 Centrifuge for high quality sample preparation in microscopic urine sediment analysis	2 -9000-22
CytoFuge 2 Centrifuge for high quality cytological sample preparation	CF02
CytoFuge 12 Universal cytocentrifuge	CF12
SQA IIC-P Sperm quality analyzer	0303
QwikCheck Gold Sperm quality analyzer	00455
HandUReader Innovative portable urine analyzer for 11 parameters	80.0006.02
LabUReader+ Desktop urine analyzer for 11 parameters	80.0006.03



Microscopes for medicine and biology — from economic laboratory to professional motorized





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