### ΜιςκοΟρτίχ

### **MX Vision Sperm**

Solution for semen analysis



## **MX Vision Sperm** Semen microscopy system

# Organization and interpretation of sperm morphology analysis



Excellent image of sperm samples Preset algorithm of sperm analysis due to camera with high resolution by WHO Indispensable assistant offers a researcher the standardized algorithm of sperm analysis. Sample image analysis and classification Semen objects atlas Analysis Attributes for identification, especially Duration of Abstinence 2 days in difficult cases Interval: Ejaculation - Analysis min. Normal Appearance . Normal Liquefaction • Database and archive management • Consistency Normal Viscosity Normal -Volume µm/sec рΗ 7.Z Motility (%) 0 % (PR) progressive (NP) non-progressive [] % (IM) immotile % VISION Motility (M/ml) (PR) progressive M/ml (NP) non-progressive M/ml (IM) immotile M/ml Velocity µm/sec Delegation and Displaying or March Galerine - Arabak Sperm Motility Index (SMI) **Martin** Allowahates. Agglutination % inpublication of the second Marriel. % Aggregation Constanting. Startist, Property. Mathiat Vitality % live **Holoma** Concentration M/ml 12 iπ. manifestration Total Sperm Number 1 Physiophysics, Morphology pair new properties of the 16 15,4 Normal 96 An desired 15 42,3 Head Defects 94 Methic Mint. Neck or Midpiece Defects 29,3 % WHEN PROPERTY. (Call) Tail Defects 24,7 % into the pring to M/VI page interesting Web Cytoplasmic Defects 43,5 % Functional Sperm Concentration before, 10000 (FSC) Specify Manager, Dotter, SIAR, Applituite Teratozoospermia Index (TZI) **General Pro-**White Blood Cells (WBC) M/ml Red Blood Cells (RBC) 0 0 0 M/ml Immature Germ Cells M/ml Immunobead / MAR test % MAR test % Biochemistry

Zinc	mmol/
Fructose	mmol/
α-glucosidase neutral	U/I
Citric acid	mmol/

# Specification

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#### MX Vision Sperm system for semen analysis

	General characteristics
Working modes	sample visualization and analysis
Instruments	preset algorithm of sperm analysis by WHO; analysis, measurement and classification of semen samples microscopy images; creating reports
Image capture	manual
Method	bright field
Optical system	4x, 10x, 40x, 100x oil
Microscopic slides	standard 75x25 mm, 1.1 mm thick
Database	multiple systems can share one database; archiving of results via transfer to external storage media
Software	<ul> <li>Vision Sperm<sup>®</sup></li> <li>preset algorithm of sperm analysis by WHO</li> <li>analysis, measurement and classification of semen samples microscopy images</li> <li>a professional set of tools to work with digital samples: create, edit, organize, classify and comment</li> <li>storage, statistic handling and quick search</li> </ul>

- remote accesse and network capabilities

Ordering Information	
Description	Code
MX Vision Sperm / Standard set System includes: MicroOptix MX 100T microscope, Vision CAM® V005 (C) digital camera, Vision Sperm® software, PC, monitor	60.0009.13
<b>MX Vision Sperm / Primary set</b> Set includes: MicroOptix MX 100T microscope, Vision CAM <sup>®</sup> V005 (C) digital camera, Vision Sperm <sup>®</sup> software. <i>Use your personal computer</i> *	60.0009.14
* Minimal PC requirements: Intel Core i5, 4 GB RAM, 1 TB HDD, Windows 7, 1920	0x1080

\* Product images are shown for reference only and final product may differ

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