

The full picture of Sperm Analysis

SQA-V & Vision Sperm



MOT

Motility

MRF

Morphology

VIT

Vitality

DNA

DNA fragmentation

LEU

Leucocytes

ACR

Acrosome reaction

SQA-V

Automatic Sperm Quality Analyzer

The proven SQA-V technology delivers semen analysis in 75 seconds. The semen sample is visualized on the screen of the device or computer using a slide or capillary.



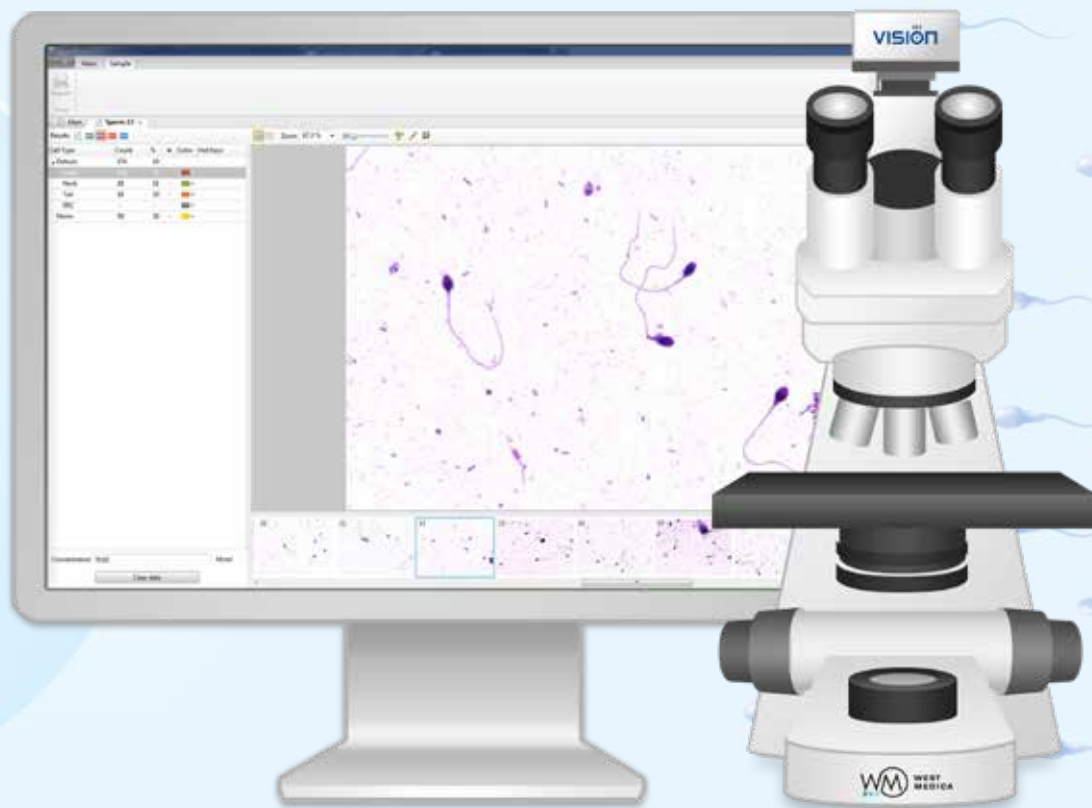
Key Features

- Automatic analysis in 75 seconds
- Measurement and calculation of individual, integrated and supplementary semen parameters according to the 4th, 5th and 6th editions of the WHO manual
- Automatic analysis correction for fresh, frozen, washed and post-vasectomy samples
- Visualisation (microscopy) of the semen sample on the instrument screen or on a computer display (with freeze frame effect), using a slide or capillary
- Video recording using Vision Sperm software
- High Sensitivity test mode for oligo-, asteno- and azoospermia detection

Vision Sperm

Computer-Assisted Sperm Analysis (CASA)

Vision Sperm is an automated system for digital microscopy analysis. Examine digital samples on the PC, capture separate images of semen and validate them using the embedded algorithm for semen analysis based WHO 6th semen parameters reports.



Key Features

- Automatic analysis of sperm parameters according to WHO requirements
- Telemedicine and remote consultation with colleagues
- Motility analysis and sperm concentration assessment
- Morphology analysis of sperm, identification and pre-classification
- Pre-classification of sperm vitality, calculation of live-dead ratio.
- Pre-classification by DNA fragmentation degree. Calculation of the ratio of fragmented spermatozoa to relatively healthy ones
- Counting leucocytes in sperm
- Acrosome reaction test

Specifications



SQA-V
Sperm Quality Analyzer

Light sources	two LEDs for the mobility channel and spectrophotometer channel
Detector system	two LEDs for motility and spectrophotometry channels
Sample condition	fresh, washed, frozen sample, post vasectomy
Display	Backlight LCD display (16 lines x 40 characters)
Analysis time	75 sec



Vision Sperm
Cell Imaging Analyzer

Vision Basic	Vision Assist	Vision Pro
Application module: Vision Sperm	Application module: Vision Sperm	Application module: Vision Sperm
Manual scanning	Automatic scanning	Automatic scanning
1 slide	1 or 4 slides	8 slides
Manual slide handling	Manual slide handling	2 cassettes with slides
Manual oil dispensing	Manual oil dispensing	Automatic oil dispenser (optional)
Manual slide identification	Manual slide identification	Built-in barcode reader (optional)
Microscope	Scanning Microscope	Scanning Microscope
Personal computer	Personal computer	Personal computer
Monitor	Monitor	Monitor
Optical system: 20x, 40x, 100x Oil	Optical system: 20x, 40x, 50x Oil, 100x Oil	Optical system: 20x, 40x, 60x Oil
Bright field, phase contrast	Bright field, phase contrast	Bright field, phase contrast
Köhler, LED	Köhler, LED	Köhler, LED
Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet

We reserve the right to change specification without notice.



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