

The full picture in Sperm Analysis

QwikCheck Gold and Vision Sperm

MOT

Motility

MRF

Morphology

VIT

Vitality

DNA

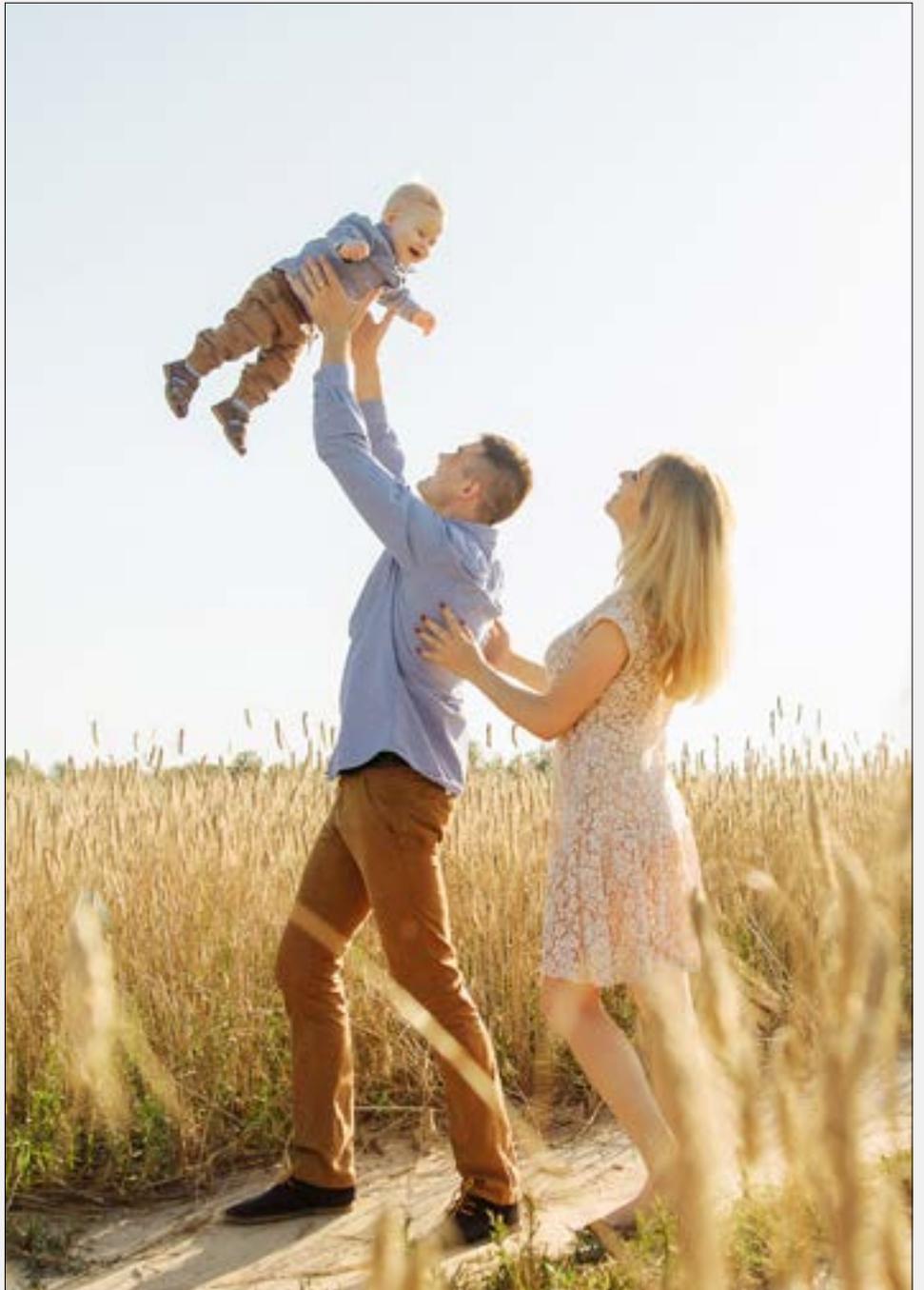
DNA fragmentation

LEU

Leucocytes

ACR

Acrosome reaction



QwikCheck Gold

Automatic Sperm Quality Analyzer

QwikCheck Gold performs a complete quantitative evaluation of semen elements in less than 2 minutes. This high performance system incorporates technology in electro-optics and computer algorithms to provide a quick, precise and accurate automatic semen analysis.

— Fast, simple and accurate semen testing in less than one minute

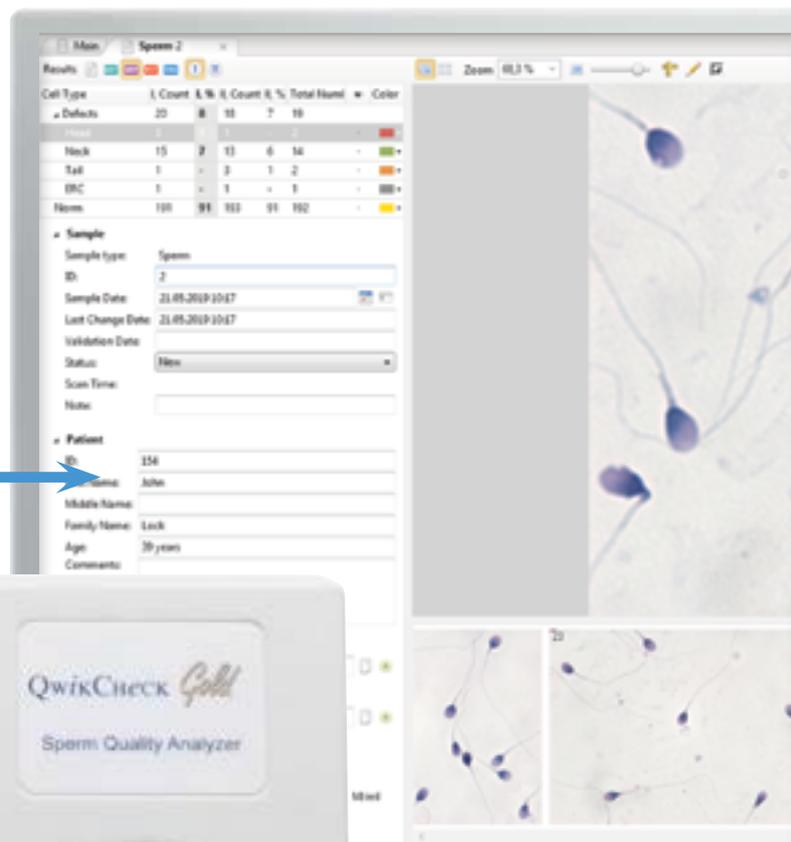
— Fresh, frozen and washed samples

— Self-testing, self-calibrating

— Runs latex beads or stabilized sperm for QC, disposable testing capillary

Complete system for semen analysis, combines

Analysis with sperm quality analyzer QwikCheck Gold



Vision Sperm

Automatic Systems for Sperm Analysis

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 on WHO standards. Telemedicine and remote consultations with colleagues.

— MOT module — motility analysis and sperm concentration assessment

— VIT module — pre-classification of sperm vitality

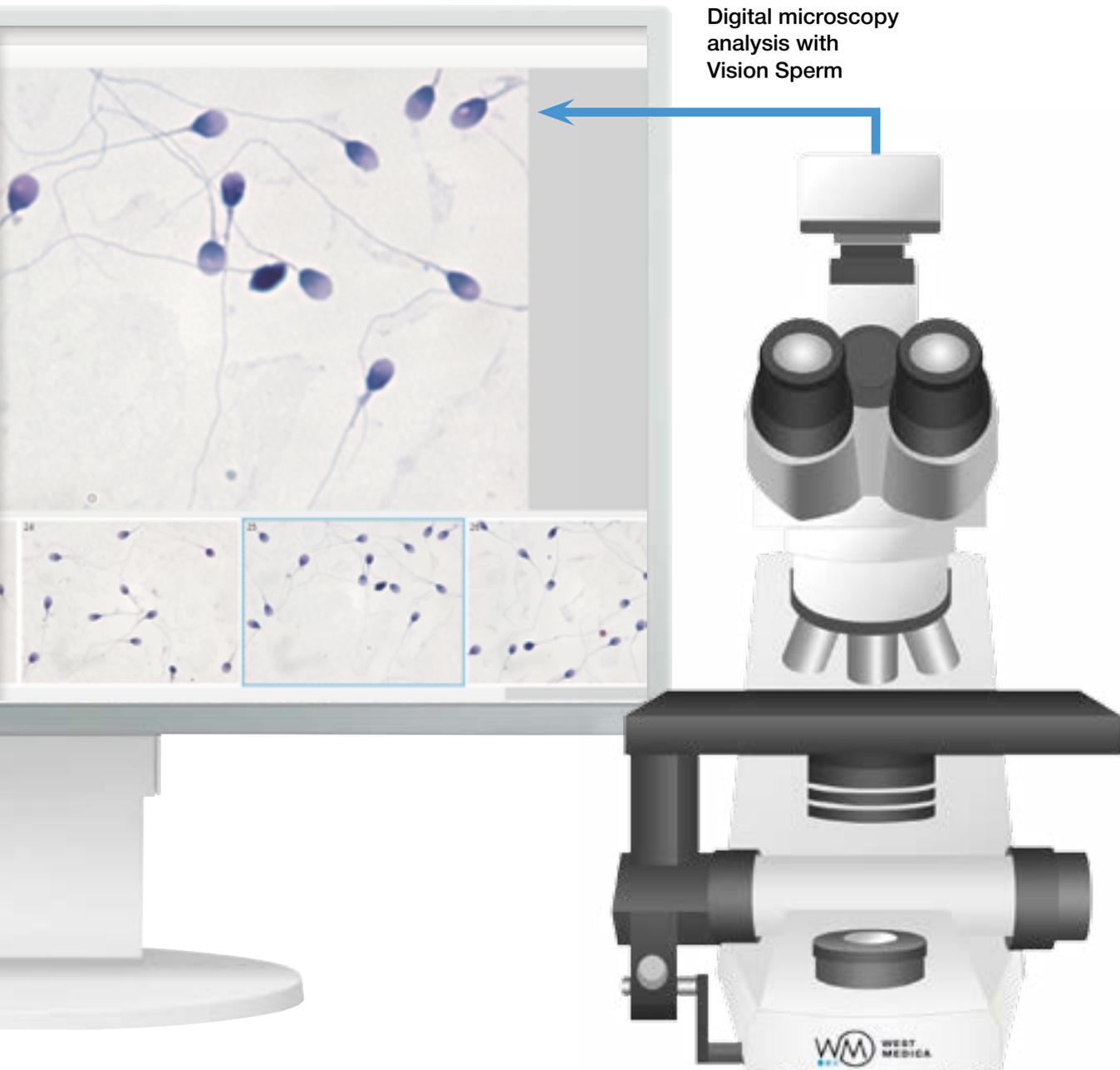
— MRF module — identification and pre-classification of sperm morphology

— DNA module — pre-classification of DNA fragmentation degree

— LEU module — counting leucocytes in sperm

— ACR module — Acrosome reaction test

results from QwikCheck Gold and Vision Sperm



Specifications



QwikCheck Gold and Vision Basic

**QwikCheck Gold
Sperm quality analyzer**



QwikCheck Gold and Vision Assist

**QwikCheck Gold
Sperm quality analyzer**



QwikCheck Gold and Vision Pro

**QwikCheck Gold
Sperm quality analyzer**

Sources of radiant energy	Sources of radiant energy	Sources of radiant energy
Two LEDs for motility and spectrophotometry channels	Two LEDs for motility and spectrophotometry channels	Two LEDs for motility and spectrophotometry channels
Detector system	Detector system	Detector system
Two photo detectors	Two photo detectors	Two photo detectors
Motility and Optical Density	Motility and Optical Density	Motility and Optical Density
Fresh, washed, frozen sample type	Fresh, washed, frozen sample type	Fresh, washed, frozen sample type
Operational backlight LCD (16 lines x 40 characters)	Operational backlight LCD (16 lines x 40 characters)	Operational backlight LCD (16 lines x 40 characters)
Analysis time: 75 seconds	Analysis time: 75 seconds	Analysis time: 75 seconds
Art. N.: 00766.00	Art. N.: 00766.00	Art. N.: 00766.00

**Vision Basic
Cell Imaging Analyzer**

**Vision Assist
Cell Imaging Analyzer**

**Vision Pro
Cell Imaging Analyzer**

Application module: Vision Sperm	Application module: Vision Sperm	Application module: Vision Sperm
Manual scanning	Automatic scanning	Automatic scanning
1 slide	1 slide 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
Monitor	Monitor	Monitor
Personal computer	Personal computer	Personal computer
Optical system: 10x, 20x, 40x, 100x Oil	Optical system: 10x, 20x, 40x, 100x Oil	Optical system: 10x, 20x, 40x, 100x Oil
Bright fields, phase contrast	Bright fields, phase contrast	Bright fields, 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
Art. N.: 64030.04 (1 slide)	Art. N.: 71150.04 (1 slide) Art. N.: 71450.04 (4 slides)	Art. N.: 72852.04 (8 slides)

Product only for research. We reserve the right to change specification without notice.

