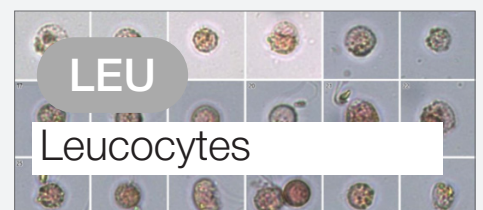
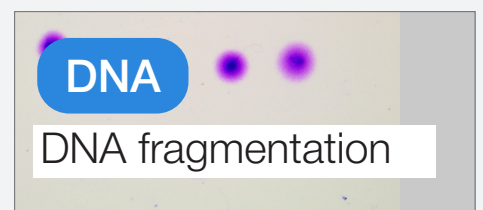
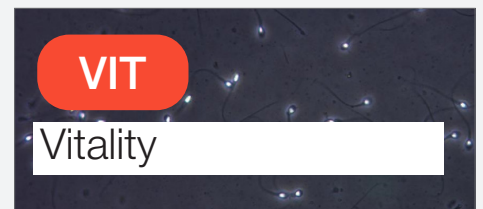


# Full Picture of Sperm Analysis

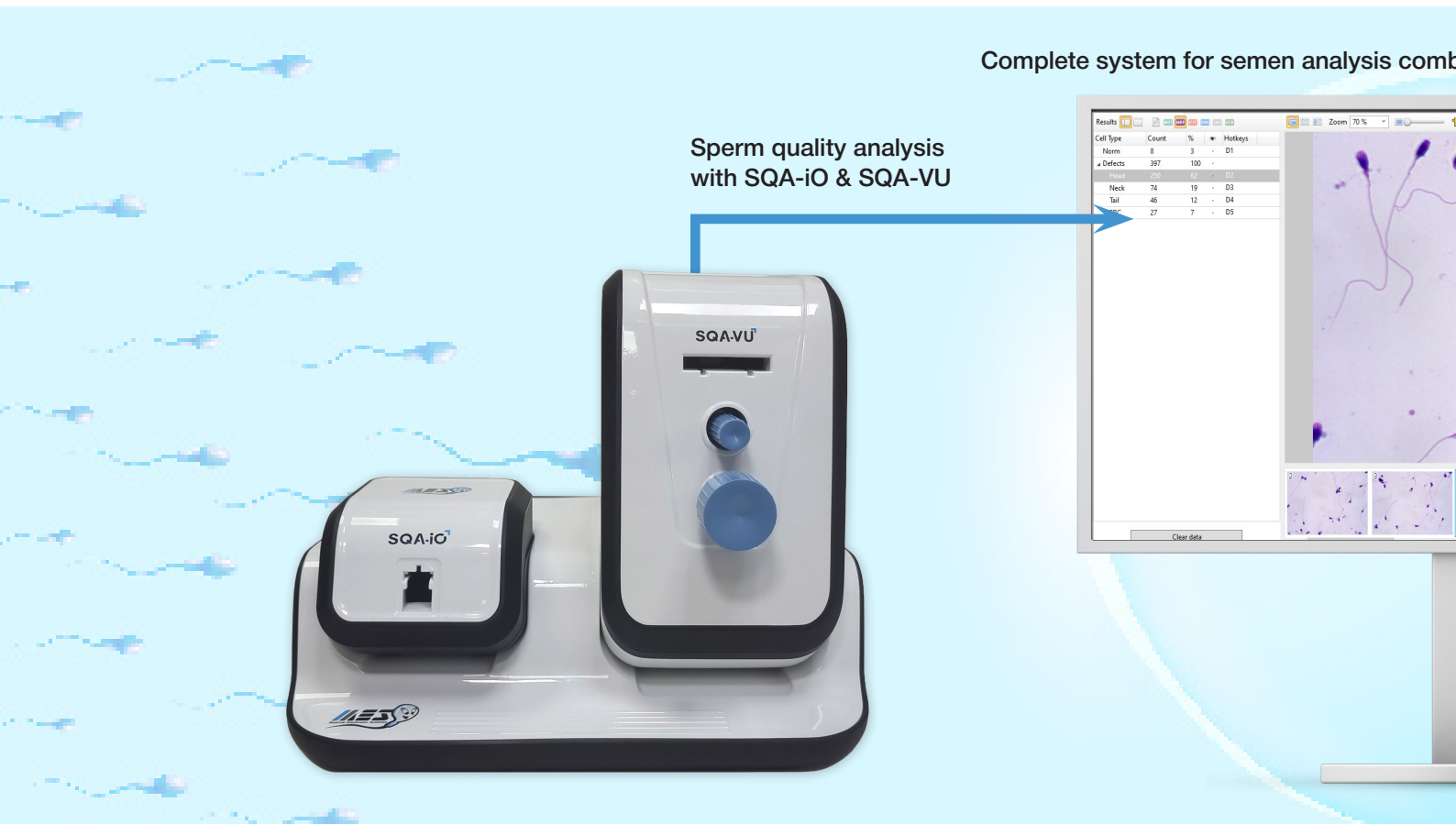
## SQA-iO + Vision Sperm



# SQA-iO & SQA-VU

## Sperm Quality Analyzer with a Visualization Device

The proven SQA 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 5<sup>th</sup> and 6<sup>th</sup> editions of the WHO manual
- Automatic calibration
- Disposable capillary for fast and safe testing
- Fast analysis with > 97 % accuracy
- Reports 18 semen parameters
- Quality control QwikCheck Beads QC
- Interactive user interface

### SQA-VU Sperm Quality Visualization Device

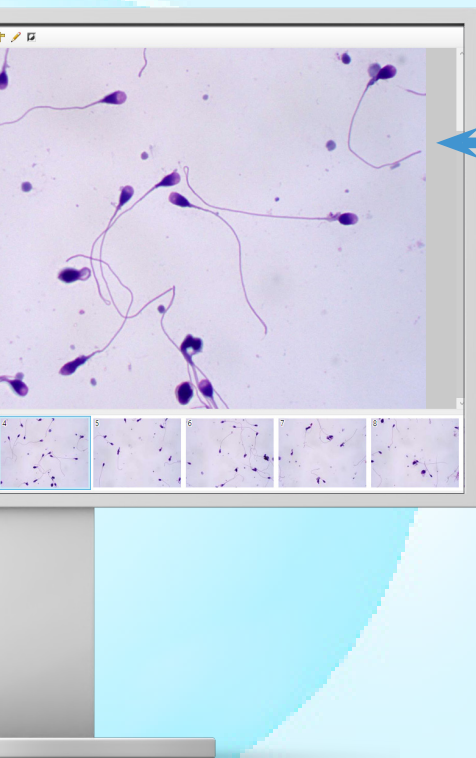
The SQA-VU replaces the need for a backup microscope. It interfaces with the SQA-iO analyzer and allows for high definition image/video capture, debris scanning, low quality sample confirmation, Post-Vas analysis and more.

# 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 6<sup>th</sup> semen parameters reports.

Combines results from SQA-iO and Vision Sperm



Digital microscopy  
analysis with Vision Sperm



### 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

### Vision Sperm Automated Scanning System

Vision Sperm is a computer-assisted semen analysis system available in configurations for 1, 4, or 8 slides.

# Specifications



**SQA-iO & SQA-VU**  
Sperm Quality Analyzer with  
a Sample Visualization Unit

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



**Vision Sperm**  
Cell Imaging Analyzer

<b>Vision Basic</b>	<b>Vision Assist</b>	<b>Vision Pro</b>
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
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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