



## ***Looking for SEMEN & SPERM Analysis?***

OPTIKA can provide a comprehensive and integrated solution ensuring an easy way to perform the best possible assessment of sperm (including count, shape and motility) and investigate on problems with male fertility.

# CASA

Computer  
Assisted  
Semen  
Analysis



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## Upright Microscope

- Trinocular Head
- Brightfield and/or Phase Contrast
- IOS (Infinity corrected) Optical System
- State-of-the-Art X-LED Illumination System



## Heating Stage

- Working Constantly at 37°C
- Ensuring Controlled Temperature
- LED Display for Temperature Monitoring



## High-Speed Camera

- 3 MP Resolution
- 30 fps Frame Rate
- USB 3.0 Technology



## Software

- Image Capturing and Video Recording
- Automatic Analysis of Sperm Count, Shape, Motility, etc.  
(on human and animals - except mice - semen)
- Patient Database and Comprehensive Reporting (WHO standards)



Sperm count

Vitality

Motility

Morphology

Volume

Color

Fructose level

pH

Liquefaction

MOT

Total motile spermatozoa