



# SEMEN ANALYSIS DISPOSABLES AND COMPONENTS

MORE THAN JUST BASIC  
SEMEN ANALYSIS



**MICROPTIC**  
AUTOMATIC DIAGNOSTIC SYSTEMS

**Counting chambers SCA**

Disposable counting chambers to analyse motility, concentration and pH of semen:

- 10 micron – 2 chambers – pH
- 10 micron – 6 chambers
- 20 micron – 2 chambers
- 20 micron – 6 chambers

Compatible with **SCASCOPE**



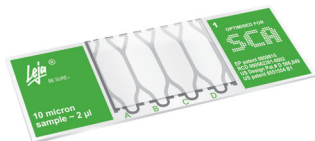
References:

MOT-10-2-PH	MOT-10-6
MOT-20-2	MOT-20-6

**SCA Leja slides**

Disposable counting chambers for semen analysis, optimised for SCA®:

- 10 micron – 4 chambers



Reference: 10.4.25

**GoldCyto slides**

Disposable counting chambers for semen analysis:

- 20 micron – 4 chambers



Reference: GC-20-SE

**FluoCount**

The best choice for the motility and concentration analysis in samples with high level of detritus, using fluorescence.



Reference: FLUO-C

FLUO-C-BULL

**QC-Beads**

Suspensions of latex beads for quality control in concentration analysis (manual/automated).

Compatible with **SCASCOPE**



Reference: QC-B

### Sperm Stain Ready to use

Diluted staining kit for human analysis to differentiate the morphological structures of the spermatozoa.



Reference: SS

### SpermBlue

Kit all-in-one to stain all the components of the sperm differentially in different intensities of blue. It can be used for all species.



Reference: SB-250-N

### Diff-Quik

Set for the rapid staining of sperm samples. The previously air-dried smears are fixed and stained in only 15 seconds.



Reference: DQ-ST

### Morphology slides SCA

Pre-stained slides that combine conventional microscope slides and isosmotic SpermBlue stain into a ready to use device.



Reference: MRF-SB

### Eukitt

Mounting medium for a contrasted image and long period storage. To use in combination with any stain.



Reference: EUK-100

vit

## VITALITY

### Vitality slides SCA

Eosine-Nigrosine based stain, *BrightVit*, optimised in one-step staining technique for the assessment of sperm vitality in brightfield.

Compatible with **SCASCOPE**



Reference: VIT-BV

### FluoVit

Fluorochromes preparation for evaluation of vitality without the interference of detritus, using fluorescence.



Reference: FLUO-V

acr

## ACROSOME REACTION

### FluoAcro

Kit for acrosome intact and acrosome reacted sperm as important sperm functional tests.



Reference: FLUO-A

leu

## LEUKOCYTES

### Leukocytes slides SCA

Kit for detection of peroxidase positive cells in semen. A semen sample is mixed with a substrate specific for the enzyme peroxidase.

Compatible with **SCASCOPE**



Reference: LEU-SLIDES



## OTHER DISPOSABLES

### ■ Immunological tests:

#### **MarScreen**

Kit for the detection of antibodies on the surface of sperm cells.



References: MAR-A

MAR-G MAR-M

### ■ Biochemical assays:

#### **CitricScreen**

Kit to measure the amount of citric acid in seminal plasma.



Reference: CITRIC

#### **AcroScreen**

Kit for the quantification of acrosin (acrosome enzyme) activity in semen.



Reference: ACRO-96

### ■ For viscous samples:

#### **ViscoFlux**

Kit for minimizing the viscosity of semen samples.



Reference: VISCO-F

#### **PBSt**

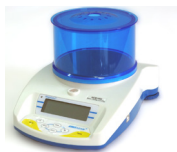
Phosphate Buffered Saline tablets for simple sperm washing.



Reference: PBS-t

### Precision balance

Precision scale for laboratory to measure the weight of samples and calculate the volume. The data can be transferred automatically to SCA®.



Reference: HCB1502

### Barcode reader

Electronic device for reading printed barcodes (for an easy and no error data input). USB connection cable.



Reference: LCB-CCDPR063

### Label printer

Label printer with direct thermal technology and auto cutter for an easy identification of samples (containers and slides).



Reference: QL-570

### Positive displacement pipette

Will ensure accuracy and precision when pipetting semen and offers full protection against cross contamination (1-10  $\mu$ L).



Reference: GI-M10

## USB Portable heating stage

Device which fits onto any regular microscope stage. Warming surface, USB connection, temperature controlled by software.



Reference: HS-PT-USB

## Portable heating stage

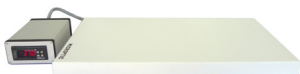
Portable heating stage with external temperature controller. Compatible with any regular microscope.



Reference: HS-PT-IT

## External hot plate

External hot plate with external controller. 250 x 500 mm.



Reference: HS-EXT

## Warming blocks

Blocks for tube warming to use in combination with a hot plate or an incubator. (10 tubes x 14/17 cc, 2 tubes x 14/17 cc tilt or 10 tubes x 6 cc).



Reference: tube 14/17 cc

tube 6 cc

tube 14/17 cc tilt

# MICROPTIC

AUTOMATIC DIAGNOSTIC SYSTEMS

MICROPTIC S.L., company based in Barcelona, Spain, is a world leading company in the field of semen analysis. The main goal of our business is to produce high quality products that are continuously improved, integrating the last innovative technology available.

All our disposables are compatible with  
SCA® CASA System.



**WARNING:** Not all our disposables are compatible  
with SCA SCOPE. See indications inside.



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