


**MICROPTIC**  
AUTOMATIC DIAGNOSTIC SYSTEMS

Your partner in  
**semen analysis**

A microscopic view of several sperm cells swimming in a blue fluid. The sperm cells are elongated with a distinct head and a long, wavy tail. They are moving in various directions, creating a sense of motion. The background is a soft, out-of-focus blue, highlighting the individual sperm cells.

Humans are not perfect. That is why we manufacture artificial intelligence systems for semen assessment and genetics studies to improve both the diagnosis of male infertility and animal species preservation.

At Microptic, we are proud to have our developments aligned with our customer's needs, because we want to be your partner in semen analysis.

Enjoy this catalog and discover the Microptic world!

**Eduard Sànchez Mallol**  
CEO, Microptic



# About MICROPTIC

MICROPTIC S.L., company based in Barcelona, Spain, is a leading player in the field of research, design, development, sale, installation and service of in-vitro diagnostic systems. Using **Artificial Intelligence** technology, we are specialized in **semen analysis**, both human and animal.

## Values

Quality  
Leadership  
Innovation  
Commitment to  
customers  
Talented  
Passionate  
Teamwork

## Mission

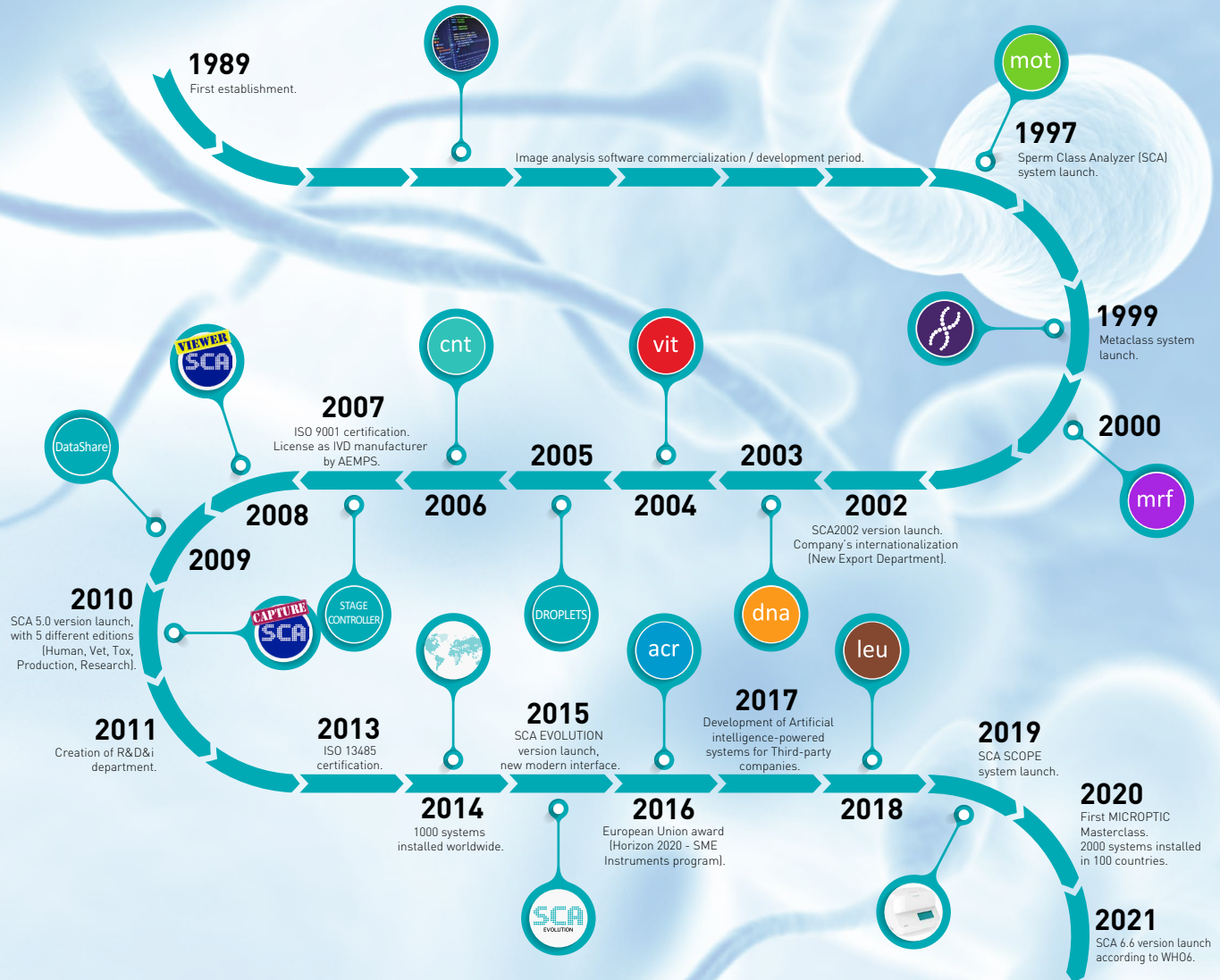
To offer the **best solution for sperm analysis**. To break taboos and place an emphasis on “male factor”, developing **advanced methods and systems** to diagnose and treat male infertility. And to help endangered animal species to never disappear.

## Vision

To become the **global leader in semen analysis** through the research, continuous development, education and distribution of **high-quality products**.



# Our History



# Around The World

We have installed **more than 2000** systems in **over 100 countries** and collaborate with **about 70** distributors and scientific researchers.



## Our Customers

HUMAN: Hospitals, IVF clinics, labs, sperm banks and universities.

ANIMAL: Research, production, toxicology centers and universities.

# Our Main Products



## Sperm Class Analyzer (SCA) CASA System

A modular automatic software for the analysis of concentration, motility, morphology, DNA fragmentation, vitality and acrosome reaction of human and animal sperm samples, and besides, leukocytes for human.

## SCA SCOPE CASA System

The first totally automated device for the analysis of concentration, motility, morphology, DNA fragmentation, vitality and leukocytes of human semen samples, linking up software with hardware of the best quality, allowing to work in optimal conditions.



## MetaClass System

An automatic system for human cytogenetic studies of chromosomes (Karyotyping and FISH).



# Lab Products And Services



MICROPTIC offers all the required **disposables and staining kits** for basic, extended and advanced examination of semen parameters, both for human and animal samples.

Moreover, we provide the **equipment and components** for your laboratory: microscopes, cameras, motorized, heated or cooled stages, slide and tube warmers, automated smearing, etc.

## Education

Our company carries out **training courses and workshops** to professionals in the field. Our learning concept includes courses at different levels – taught by biologists – and hands-on training with fresh sample.

Related to this, we must mention **MICROPTIC Masterclass**: a series of free webinars about different topics in order to disseminate our knowledge.



# MICROPTIC

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