

Spermalyze



Canine



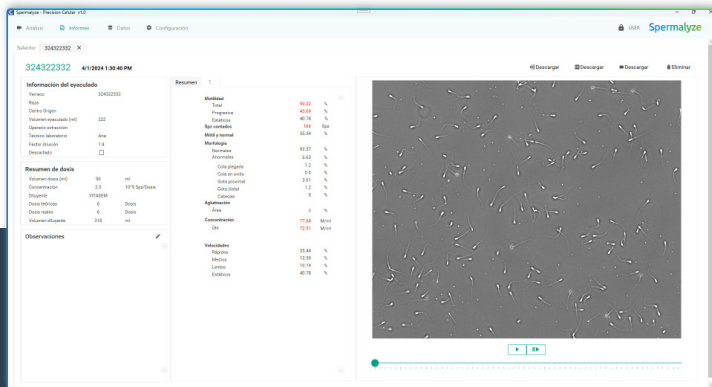
Bovine



Equine

Multi-species CASA system

Comprehensive semen quality
analysis using artificial vision



- ✓ Total and progressive motility
- ✓ Concentration
- ✓ Abnormal forms

Accurate and fast

Identifies each sperm cell within seconds using artificial intelligence, considering species-specific features, and tracks cell by cell.

- ✓ Detects various degrees of agglutination.
- ✓ Accepts egg yolk-based extender
- ✓ Identifies spermatozoa attached to squamous cells.
- ✓ Highly accurate concentration measurement, even in undiluted straws.

Data management

Spermalyze software is developed to streamline the management of all decision-relevant information.

- ✓ Re-analyses previous videos.
- ✓ ECustom tags and comments for each analysis.
- ✓ Analyses and compares data from all records.
- ✓ Integrated management system, linkable to other databases.
- ✓ Strengthens quality systems.



Advanced sperm analysis enhanced with
Machine Learning technology

Spermalyze

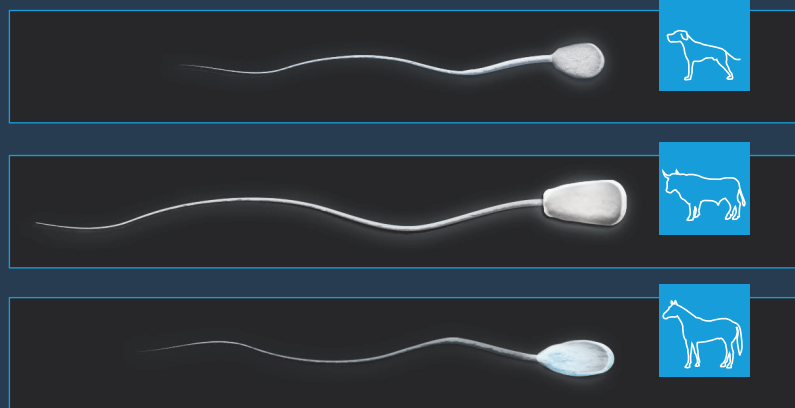
Multi-species CASA system



Versatile

Combineable modules integrating algorithms trained specifically for each species, regardless of breed.

Distinguishes DMR, agglutination grade and loose heads.



Immediate results that maximize efficiency in producing high-genetic-value semen doses

Two options: manual and automatic

The microscope, with heated stage, is connected to a 5 MP camera for Spermalyze to analyse each field in seconds.

Optionally, the latest generation AS-10 automatic stage adds autonomy and speed.

- ✓ Integrated with the software.
- ✓ Automatic displacement between wells.
- ✓ Autofocus for each field and well.
- ✓ In 5 minutes, processes up to 20 samples with one click.



Microscope with heated manual stage



Microscope with **AS-10** automatic stage

November 2025