



Sperm Vision® SAR

For small animal reproduction



The SAR system offers the small animal reproduction veterinarian a highly efficient, flexible and sophisticated digital tool for evaluating sperm cells. Concentration, motility, morphology and viability* can all be accurately assessed, making Sperm Vision® SAR an essential tool for everything from donor evaluation to semen processing.

The user interface is straight forward, easy to use and can be customized through the preference menu to suit individual needs. Sperm Vision® SAR ensures evaluation integrity of both new and archived records through a password protected multi-level operational system. These features and many more make Sperm Vision® SAR ideal for the serious small animal reproductive specialist.

**Viability is optional*

Sperm Vision® SAR

REF: [12520/5000](#)

System includes

- Sperm Vision® SAR software
- Rapid scan digital camera
- Zeiss AxioLab microscope 10x, 40x phase objective, Turret condenser, phototube C-mount, integrated heated stage
- LD A-Plan 20x PH1 negative phase objective
- PC w/integrated LCD monitor
- Temperature control unit for heated stage with warming plate

Optional upgrades

- Zeiss AxioScope microscope 10x, 20x, 40x, 100x oil immersion objectives, trinocular body & C-mount
- Zeiss Plan A objective 100x/1.25 Oil PH3
- 12520/5010: Upgrade to Research Version of Sperm Vision®; includes: comparative analysis report module, tank management module, all sperm motion characteristics, user defined settings
- 12520/5020: Comparative analysis report module for SAR, allows for quick comparison of data from multiple ejaculates or evaluations of the same ejaculate over time; includes: software, license and USB hardware lock
- 12520/5030: Semen tank inventory management module for SAR allows semen inventory to be entered and tracked across multiple tanks; includes: software, license and USB hardware lock
- 12520/6080: Viability and fluorescence microscope upgrade for SAR; includes: high resolution color camera, Zeiss c-mount adapter, Zeiss AxioLab A1 fluorescence LED light source, filter set and two port camera adapter (Research Version upgrade required)

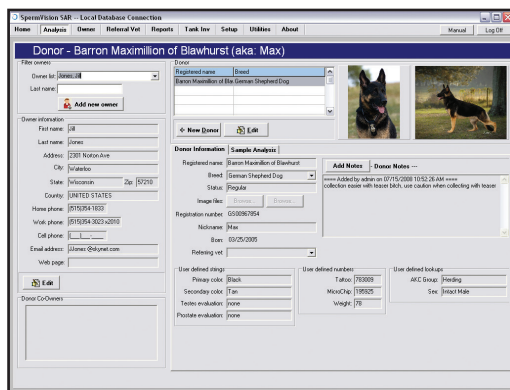
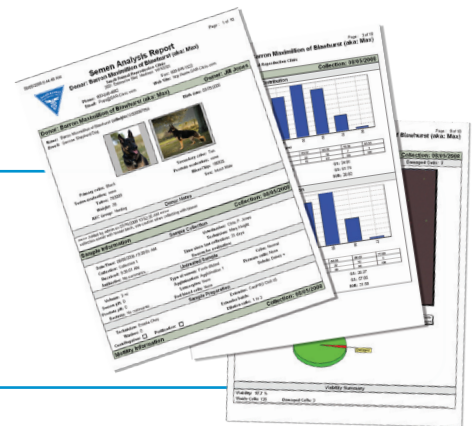


- Software, high speed camera
- Zeiss 20x negative high contrast objective
- Computer and integrated LCD monitor
- Accurate concentration, motility and morphology analysis
- Advanced customizable record keeping capabilities for client, donor, referring veterinarian and associated data
- Customizable reports, including photographs, charts, graphs and video images
- Optional cryogenic tank management module
- Optional viability analysis module (requires microscope modification)
- Remote diagnostic and service capabilities

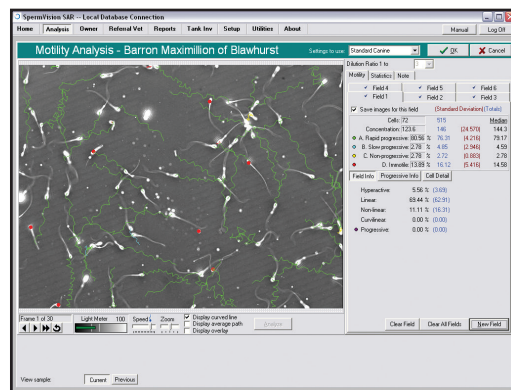
Designed specifically for the needs of small animal veterinarians

Sperm Vision® SAR reports

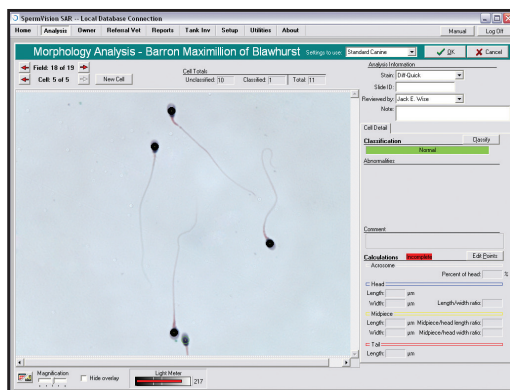
Clear and concise sample analysis, featuring donor data, charts, graphs and video images. User defined preferences allow for custom reports that may be delivered as hard copy or electronic files.



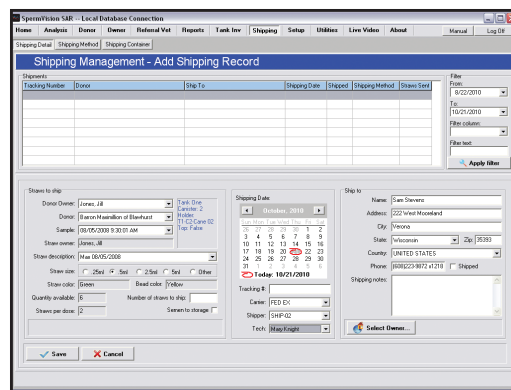
Donor information screen



Motility evaluation screen



Morphology evaluation screen



Tank & shipping manager screen