

SQA-Ve Sperm Quality Analyzer for Stallions

*Automated
Semen Analysis
in less than 1 minute!*

The **SQA-Ve** is an analytical veterinary device that performs a complete quantitative evaluation of equine semen in **less than 1 minute**. This high performance, user-friendly system will standardize processes, enhance through-put and increase the accuracy and quality of semen analysis and AI dose preparation for fresh, extended and frozen equine semen.

FRESH Mode: Tests fresh semen & calculates how to prepare frozen or extended AI doses based on motile, total or progressively motile sperm concentration. Select target values for concentration & volume per dose.

EXTENDED Mode: Calculates optimal AI doses for extended samples. Tests extended samples prior to insemination to determine the quality of the sample.

FROZEN Mode: Tests frozen equine semen prior to insemination to determine the quality of the sample.

Features

- Tests fresh, frozen and extended semen
- Automated dosing
- User-friendly with precise screen directions and minimal key-strokes
- FDA and CE certified
- QC: Self-testing, self-calibrating.
- Visualization system (x300 to x500 magnification)
- Disposable and reusable testing capillary
- Data export to a PC in formatted Excel tables or in .csv format



Automated Tests

- Sperm Concentration
- Motile Sperm Concentration (MSC)
- Progressively Motile Sperm Concentration (PMSC)
- % Motility
- % Progressive Motility
- Velocity
- % Morphology

Performance Claims

Specificity

- Concentration: 100%
- Motility: 96%
- Morphology: 93%
- Prog Motility: 90%

Sensitivity

- Concentration: 96%
- Motility: 95%
- Prog Motility: 100%

Correlation to Manual Method

- Concentration: 0.99
- Motility: 0.96
- Morphology: 0.74
- Prog Motility: 0.89