

SQA-Ve Sperm Quality Analyzer for Stallions

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 total, motile or progressively motile sperm concentration. Select target values for concentration and maximum volume per dose.

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

Performance Claims

Specificity

- Concentration: 90%
- Motility: 90%
- Prog Motility: 80%
- Morphology: 85%

Sensitivity

- Concentration: 90%
- Motility: 90%
- Prog Motility: 90%

Correlation to Manual Method

- Concentration: 0.9
- Motility: 0.9
- Prog Motility: 0.8
- Morphology: 0.7

*Automated
Semen Analysis
in less than 1 minute!*



