

SQA-Vb Sperm Quality Analyzer for Bulls

*Automated
Semen Analysis
in one minute!*

The SQA-Vb is an analytical veterinary device that performs a complete quantitative evaluation of semen quality in **less than 1 minute**. This high performance, user-friendly system will standardize processes, enhance through-put and increase the accuracy of semen analysis, straw/AI dose preparation and Breeding Soundness Evaluations.

Dosing Mode: Tests fresh semen and calculates how to prepare the AI doses and distribute the samples into straws based on Motile, Total or Progressively motile sperm concentration.

QC/Frozen Mode: Tests frozen straws to determine the Motile and Total cell concentration for batch control and straw QC prior to insemination.

Breeding Soundness Evaluation Mode: Tests fresh bull semen in order to evaluate the fertility potential of an individual bull.

Features

- Tests both fresh and frozen semen
- Automated dosing
- User-friendly with precise screen directions and minimal key-strokes
- FDA and CE certified
- QC: Self-testing, self-calibrating. Runs latex beads QC material
- Visualization system (x300 to x500 magnification)
- Disposable and reusable testing capillary
- B-Sperm™ software included for data, herd and QC management

Automated Tests

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

Performance Claims Specificity

- Concentration: 90%
- Motility: 80%
- Morphology: 97%

Sensitivity

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

Correlation to Manual Method

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

