

SQA-Vt Sperm Quality Analyzer for Turkeys

*Automated
Semen Analysis
in one minute!*

The SQA-Vt 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, AI dose preparation, sorting and overall flock management.

Dosing Mode: Tests both neat and diluted pooled semen. Performs AI dosing calculations based on motile or total sperm concentration.

QC Mode: Analyzes the quality of turkey semen prior to insemination after extenders or diluents have been added to the sample. Semen parameters tested: Total and Motile Sperm Concentration and % Motility.

Sorting Mode: Analyzes the semen of individual toms in a flock. Test results can be grouped by flock and flock histograms generated.

Features

- Tests both fresh 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
- T-Sperm™ software included for data, flock and QC management

Automated Tests

- Total Sperm Concentration (TSC)
- Motile Sperm Concentration (MSC)
- % Motility

Performance Claims

Accuracy

- TSC: 0.9
- MSC: 0.9
- % Motility: 0.9

Correlation to Manual Method

- TSC: 0.9
- MSC: 0.65

Precision CV's

- TSC: 4.0%
- MSC: 5.5%
- % Motility: 6.0%

