Sperm Quality Analyzers for BULLS
Advanced Agricultural Technologies

A-Tech, the VETERINARY division of Medical Electronic Systems produces the following line of SPERM QUALITY ANALYZERS for BULLS:

- **SQA™ Vb** – Top of the line features: On-board microscope, printer. Interfaces with a computer to run dosing and herd management software.
- **QwikCheck™ GOLD BULL** – Target market is non-industrialized or more cost sensitive facilities – Vets performing Breeding Soundness Evaluations for bulls
- **QwikCheck™ QCb** – For checking samples prior to inseminating the cow – tests frozen samples.

[www.a-tech-global.com](http://www.a-tech-global.com)
BOVINE PRODUCT LINE

SQA-Vb Bull

QwikCheck™ GOLD Bull

QwikCheck™ QCb

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FEATURES: BOVINE PRODUCT LINE

**SQA-Vb**
- Target: Industrial size AI facilities
- Tests FRESH / FROZEN samples
- Computer interface / software
- B-Sperm software for dosing, Herd/ Bull management
- Video visualization system
- Test time: About 1 minute
- Sample requirement: 100-200 µl
- 10X use testing capillary

**QwikCheck™ GOLD BULL**
- Target market: Breeding Soundness Exams
- Tests FRESH / FROZEN semen
- On-board heater
- Archive test results/print later to label maker
- Can connect to car battery
- Sample size: 100 µl / 20µl
- 10X use testing capillary

**QwikCheck™ QCb**
- Target market: AI Insemination Sites
- Tests FROZEN bull semen
- On-board heater
- Print results to label maker
- Test time 45 seconds
- Sample requirement: 20µl
- 10X use testing capillary

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SQA-Vb Bull Sperm Analyzer

- Tests FRESH or FROZEN semen in about 1 minute
- B-Sperm dosing, bull/herd data management software
- Video visualization, on-board printer

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QwikCheck™ GOLD BULL

Test Bulls for Breeding
Soundness in the field

<table>
<thead>
<tr>
<th>FRESH SEMEN test results reported:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Sperm Concentration</td>
</tr>
<tr>
<td>Motility</td>
</tr>
<tr>
<td>Morphology (FRESH samples)</td>
</tr>
<tr>
<td>Progressive Motility</td>
</tr>
<tr>
<td>Motile Sperm Concentration</td>
</tr>
<tr>
<td>Progressively Motile Sperm Concentration</td>
</tr>
<tr>
<td>Velocity</td>
</tr>
<tr>
<td>Total # Sperm</td>
</tr>
<tr>
<td>Total # Progressively Motile Sperm</td>
</tr>
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</tbody>
</table>

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QwikCheck™ QCb Bull

QC an AI sample prior to insemination in less than 45 seconds!

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<th>FROZEN SEMEN test results reported:</th>
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<td>Progressively Motile Sperm Concentration</td>
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<td># Motile Sperm per Straw Volume</td>
</tr>
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