

SQA-V^{Gold} Sperm Quality Analyzer

*Automated
Semen Analysis
in less than
2 minutes*

The SQA-V^{Gold} is an analytical medical device that performs a complete quantitative evaluation of semen quality and semen parameters in **less than 2 minutes**. This high performance analyzer incorporates technology in electro-optics, computer algorithms and video microscopy to provide a quick, precise and accurate automated semen analysis.

Features

- Runs fresh, frozen, washed and post-vasectomy samples
- Disposable testing capillary
- LIS interface option for data transfer
- PC compatible with export function
- V-SpermTM^{Gold} software included
- FDA and CE certified
- QC: Self-testing, self-calibrating. Runs latex beads or stabilized sperm
- Visualization system (x300 & x500)

Automated Test Results

- Sperm Concentration
- % Motility expressed as total and a,b,c and d
- Rapid Progressive Motility (a)
- Slow Progressive Motility (b)
- Non-progressive Motility (c)
- Immotility (d)
- % Normal Morphology
- Motile Sperm Concentration
- Progressively Motile Sperm Concentration
- Functional Sperm Concentration
- Average Velocity
- Sperm Motility Index

Dynamic Range

DYNAMIC RANGE OF THE SQA-V ^{Gold}			
SAMPLE	SPERM CONC.	MSC	Motility
FRESH	2-400 or < 2 M/ml	0.2-400 or <0.2 M/ml	0-100%
WASHED	2-200 or < 2 M/ml	0.2-200 or <0.2 M/ml	0-100%
FROZEN	Not reported	0.2-200 or <0.2 M/ml	Not reported
POSTVASECTOMY	Manual Input	0-30 Sperm/Scan	Not reported