

STEREOLOGER

System for unbiased stereology of biological tissue

Better science through better stereology

CUTTING EDGE SOLUTIONS

The state-of-the-art choice for design-based stereology.

PROVEN RESEARCH RESULTS

Developed through support of four peer-reviewed NIH grants since 1998.

INDUSTRY LEADING EXPERTISE

Designed by the Stereology Resource Center, the only company devoted exclusively to unbiased stereology and image analysis, and the Johns Hopkins University School of Medicine in Baltimore, Maryland.



- Accurate, precise and efficient analysis of cells, capillaries, fibers, and other biological objects in tissue sections.
- Optimizes sampling for maximum efficiency, saving time and money.
- Quantify number, volume, length, surface area and spatial distribution on live or stored images.
- New Automatic analysis of high S:N images on tissue sections.

Rely on STEREOLOGER when your research demands stereology parameters such as Number (N), Volume (V), Surface Area (A), and Length (L) of cells, tissues, fibers, capillaries, etc. Designed by the stereologists, scientists, and engineers at the Stereology Resource Center (SRC), STEREOLOGER is the top choice for innovations and user-friendly workflow.

"The Stereologer was an excellent choice for us."

—T.H., Professor of Pharmacology and Toxicology, University of Louisville School of Medicine, U.S.A.

STEREOLOGER's cutting-edge design delivers state-of-the-art automated random sampling, stage movement and probe layout. The intuitive user interface allows experienced and novice users to begin working with STEREOLOGER quickly, saving time and money.

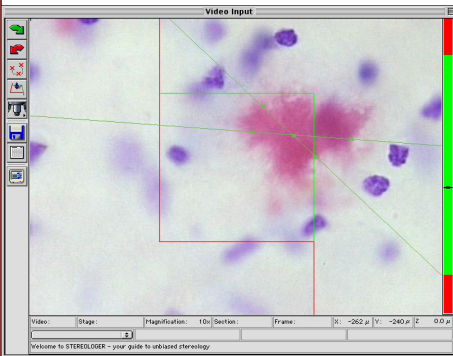
Biomedical research scientists worldwide select STEREOLOGER as the solution of choice for reliable tissue analysis. Matched with expert consultants actively engaged in biomedical and stereology research, the STEREOLOGER is a single-source provider for accurate, unbiased results.

SRC
Better Science Through Better Stereology

Features and Benefits

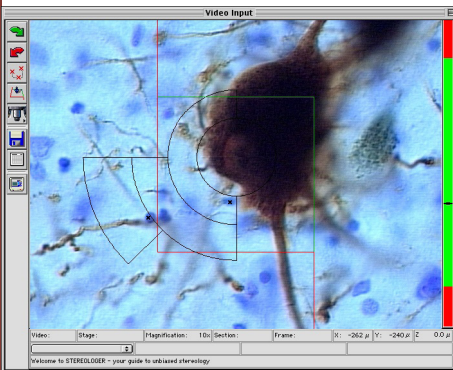
FULL ANALYSIS TOOLSET

Select from 50 stereology study designs.



MOST EFFICIENT DATA ACQUISITION

Data collection automatically
Optimized for Maximum Efficiency.



NEW AUTOMATED STEREOLOGER

Reduces time by 50%
compared to manual mode.

Easy to acquire. STEREOLOGER is available for both Windows and Macintosh operating systems, allowing you to deploy computer-assisted stereology according to existing computer systems. Stereology Resource Center consultants provide hardware recommendations to ensure compatibility with research microscopes and stages with motorized XYZ control. Supported video cameras range from cost-effective acquisition devices to state of the art imaging systems, delivering a solution tailored to your budget and analysis objectives.

Get it right the first time. Initialize each project using step-by-step instruction that simplifies rigorous stereology protocols, including creation of blinds, lens calibration, and selection of recommended study probes. STEREOLOGER ensures sampling is performed at maximum efficiency through its integrated Pilot Study, completing your analysis in the least amount of time.

New to stereology procedures? The automated STEREOLOGER training module, in combination with our Stereology Workshops and Stereology ShortCourses, guides students and technicians through proper tissue analysis based on pre-defined objectives, providing immediate feedback to ensure the most reliable results and reduce ongoing training concerns.

Publish results with confidence. Cutting edge probes in STEREOLOGER are designed by top stereology research scientists, each verified for accuracy through peer-reviewed NIH grants. Statistical calculations are performed by STEREOLOGER automatically and available for export, including efficiency recommendations to shorten study timelines.

Most Popular Probes

- Cavalieri Estimator - Regional Volume
- Optical Fractionator - Total Object Number
- Rare Event Protocol - Efficient counting of rare objects
- Physical Disector - Cell number on Thin Sections
- Space Balls - Lengths of fibers, capillaries, etc.
- Nucleator - Mean Object Volume
- Over twenty stereology-specific probes available

Services & Support

- Stereology Outsourcing
- Onsite & Workshop Training
- Application Support
- Installation, Setup, Maintenance
- Stereology Consultation
- Hardware Optimization

"Stereologer is easily the most intuitive stereology/image analysis package available. I wholeheartedly recommend this system to anyone in need of computerized stereology."

—A.K., Senior Investigator, Newcastle University Institute for Ageing and Health, U.K.

From project design to expert classroom instruction, only the SRC provides a total solution for the unbiased analysis of biological tissue.