

Stereo Investigator®

Accurate Stereology Using the Most Cited System



The Stereo Investigator system makes powerful tools for stereological analysis easily accessible to users of all levels of experience. Obtain accurate, unbiased estimates of the number, length, area, and volume of cells and biological structures in tissue specimens.

Data and analyses obtained using this key research tool have led to numerous advances in neuroscience—in neurodegenerative disease, neuropathy, memory, spinal cord, and behavioral research, as well as in other fields including pulmonary research and toxicology.

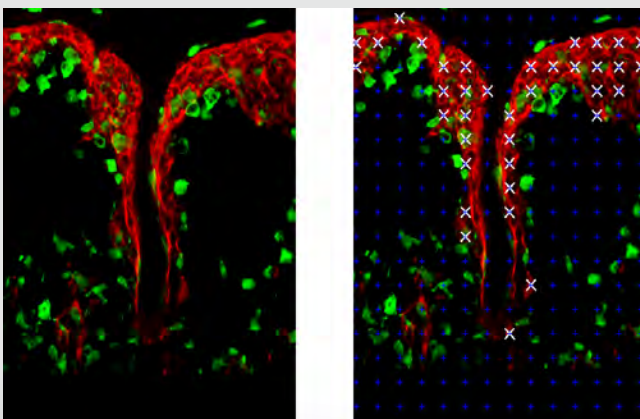
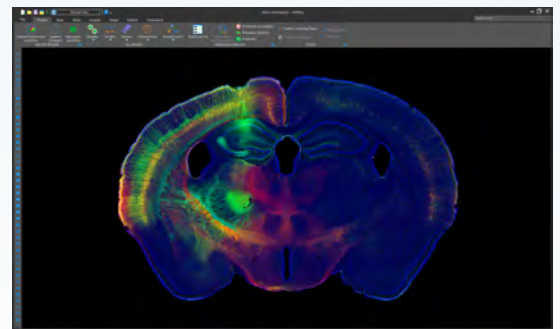
Stereo Investigator is cited in more than 8,000 published research papers and counting; five times more frequently than any other system.

Key Features

- Stereology workflows simplify procedures, help ensure stereological rigor, and reduce training time
- Multiple cell types and other biological structures can be counted simultaneously
- Cell counting can be combined with other probes for cell volume and surface area, etc.
- Automated XYZ stage movement speeds data collection
- Auditable results are automatically calculated, tabulated, and reported with coefficient of error and variance estimates
- Whole slide scanning for brightfield and fluorescence microscopy (available as an optional extension module) uses advanced imaging capabilities to acquire images fast and efficiently
- Automatic lens calibration and camera alignment make system maintenance simpler than ever before

High performance image and data handling engines speed up your work

Use and combine larger data sets, place and evaluate thousands of markers and contours, and visualize them in 3D.



Unbiased Design-Based Stereological Estimators

- Optical Fractionator
 - Physical Fractionator
 - Spaceballs
 - Nucleator
 - Cavalieri Estimator
 - Spatial Distribution
- Over 20 additional probes



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Each Stereo Investigator System Is:

Configured to meet your specific research needs

Scalable to fit your budget and current needs, with options for upgrading capabilities with extension modules and specialized hardware

Fully integrated: Stereo Investigator controls microscopes, motorized stages, cameras, filter wheels, etc. Brightfield, multi-channel fluorescence, confocal, or structured-illumination microscopes are all compatible.

Supported by our team of scientists and technicians who are experts in stereology, research software, and laboratory hardware—and can help you design your study

Upgradable to new software versions that are released regularly

Learn more: mbfbioscience.com/products/stereo-investigator



About MBF Bioscience

A rich history of creating the future of neuroscience.

MBF Bioscience develops advanced tools for collecting and analyzing accurate, reproducible data from histological specimens, 2D and 3D microscope images, and freely moving *C. elegans* so that scientists can better understand brain diseases and processes at a cellular level.

Our products have helped researchers publish over 17,000 peer reviewed papers.

What our customers say

“ Stereo Investigator is the gold standard for unbiased stereology, and I can't say enough to praise the technical support provided by MBF Bioscience.

Bob Jacobs, Ph.D.
Colorado College

“ We've used Stereo Investigator for 10+ years. The technical support is outstanding, and the company itself is highly responsive to their customers.

Glenn Rosen, Ph.D.
Harvard Medical Center

