

NEW: 2D VisiFRAP Compact System

2D-VisiFRAP- DC Direct Coupling System with integrated laser

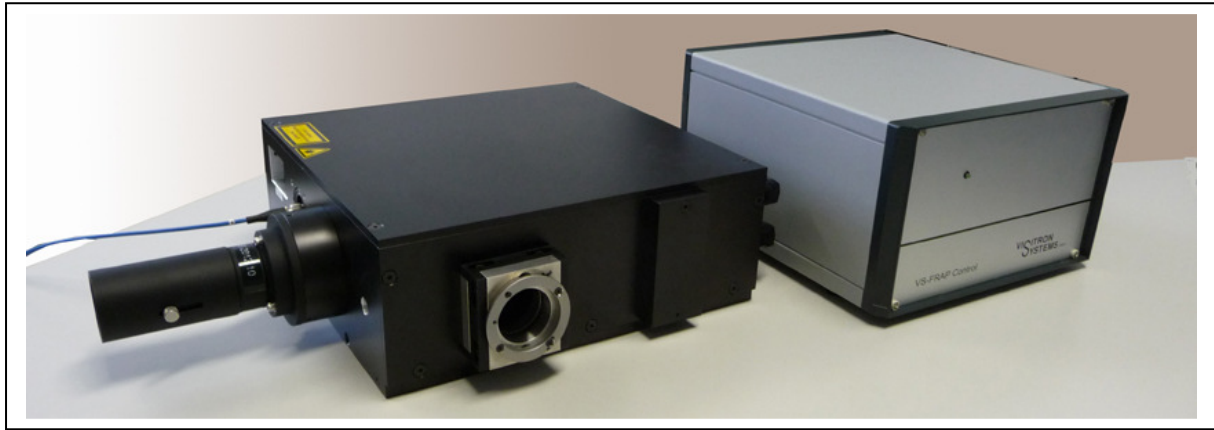
Fluorescence Recovery After Photobleaching Imaging System

- New:**
- NO limit with laser lines
 - with unlimited number and size of regions
 - auto-calibration

The newest model extension of Visitron System 2D-FRAP scanner family convinced by the compactness and flexibility. The new design allows the direct coupling of up to two laser in the scan-head. An additional VIS laser input allows the coupling of additional laser lines if required. This unique new scan head opens new dimension in biological studies of living cells for **Photo manipulation**.



The VisiFRAP scanner is based on a galvanometer-driven scan mirror directly computer controlled by the VisiView imaging software. The Scan head is mounted and coupled at the excitation port of the microscope, where they directly illuminate the specimen.



FRAP on the fly

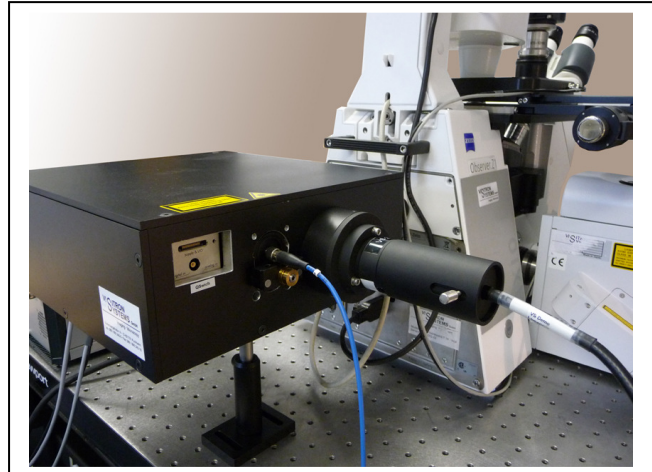
The optimised system components allow simultaneous FRAP and imaging at single mouse click on any position in the live image. This new feature in the VisiView FRAP software is minimising any loss of temporal information and shows the flexibility and high speed positioning of the VS-FRAP scanner. The unique “FRAP on the fly” solves perfectly the major demand for FRAP experiments.

Auto-Calibration

With the automatic signal and spot detection of our VisiView imaging software, the auto-calibration algorithm calibrates the FRAP scanner. It shows in several region on the display the laser spot and the accuracy of the calibration. This tool makes it easy to use different objectives and filters. It saves time and improves your work.

Typical Application:

- Cell membrane analysis
- Monitoring of surface trafficking
- Nucleocytoplasmic shuttling
- Protein diffusion studies
- Photoactivation
- Acceptor photobleaching
- Photoconversion studies



Product specifications and descriptions in this document are subject to change without notice.
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