



VisiScope Confocal based on NEW Spinning Disk CSU-WI Generation for Live Cell Imaging

The VisiScope Confocal-WI with 2D-VisiFRAP Scanner

A compact and easy to handle system with simultaneous laser illumination for FRAP scanner and CSU confocal allows the simultaneous acquisition and display of confocal image with the FRAP bleaching as on-line overlay. No moving parts or optics are necessary because of a special optical design in the microscope.

Including the new generation of Yokogawa CSU-WI Confocal head for Wide Field of View and improved image quality

The new CSU-WI Confocal design for wide field of view (17 x 16 mm) and clearer images offers superior performance and functionality that researchers require in life cell research. With its significantly larger field of view, decreased crosstalk, and extended near-infrared spectral range, it can obtain sharper images of regions deeper inside live cells.

Wide and Clear

The CSU-WI system employs a newly designed large diameter spinning disk, which gives wide and clear images with significantly reduced crosstalk. Now, you can image whole mount specimen at high magnification.

Selectable Pinhole Size

Now, you can select 25 µm pinhole in addition to the conventional 50 µm pinhole. Moreover, CSU-WI provides motorized switching among the confocal paths and the brightfield path which allows direct brightfield imaging without light loss at the pinhole disk.

VisiScope Confocal - FRAP Laser Combination

Our VS-LMS7 laser combiner with up to 7 laser lines, with integrated AOTF / AOM for rapid switching and blanking offers highest flexibility for all thinkable configurations. The VS-DOL multi laser output supports millisecond switching between up to three laser output ports for Confocal, FRAP or TIRF applications.

About Visitron Systems GmbH

Systems and Solutions for Biomedical Research, Development and manufacturing - "Made in Germany"

Visitron Systems GmbH is known as one of the leading companies supplying imaging-solutions in the field of microscopy over the last 20 years.

Over the last 10 years the company structure has been improved. Visitron invested in own developments and manufacturing of optics, hardware and imaging software "Made in Germany". This has moved Visitron Systems from a system integrator to a solution provider with own manufactured products.

The company is now even more flexible and innovative for special microscopy "Life Science Research" solutions and hardware implementation into VisiView® software. A competent team of highly qualified and educated scientists from the fields of biology, human genetics, physics, electronic and computer science are responsible for the success of Visitron Systems GmbH.