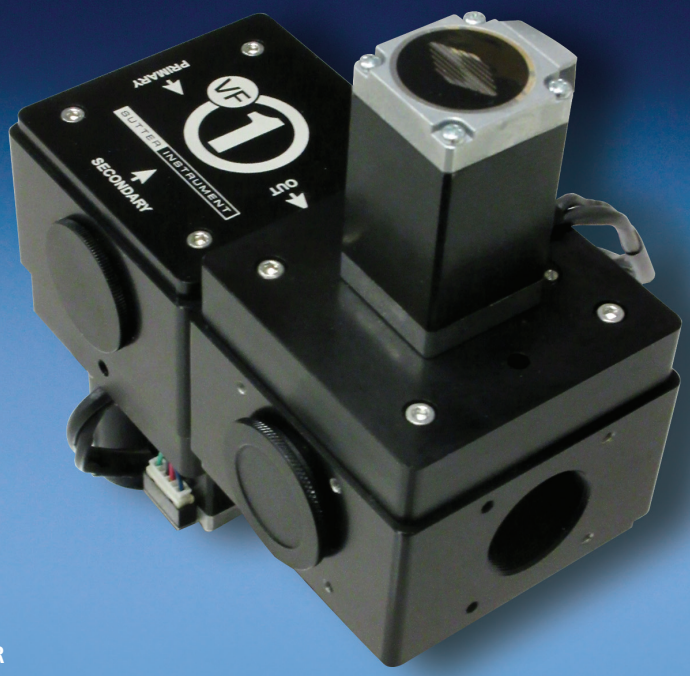
NEW!



SEPARATE TUNABLE SHORTPASS AND LONGPASS FILTERS LET USER DEFINE THE BANDPASS IN NANOMETER STEPS

USER SELECTABLE BAND-WIDTH AND CENTER WAVELENGTH

BLOCKING FILTER ENSURES BEST BLOCKING OUTSIDE BANDPASS

BASED ON THE LATEST SEMROCK VERSACHROME EDGE FILTER TECHNOLOGY

VF-1 EDGE™: TUNABLE FILTER TECHNOLOGY

When Semrock® introduced the VersaChrome® filter technology Sutter Instrument designed multiple systems incorporating this exciting innovation. These tunable filter systems produce the center wavelength you select on command. Now Semrock has taken the next logical step: the VersaChrome Edge, filter technology that allows selection of the band-width as well as the center wavelength. This new filter system uses separate tunable shortpass and longpass filters in series to define the bandpass. An additional filter is used in series with these filters to provide the best blocking outside the pass-band.

Sutter Instrument has already developed the **Lambda VF-1 Edge**, a system that allows selection of both the long and short end of the bandpass in nanometer steps. This new system uses two of our VF-1 filter tilting modules and a Sutter Lambda 10-B controller to give direct control over the bandpass via the unit's keypad or through external control from a computer or other device. Individual VF-1 modules can also be used with these filters to provide tunable longpass or shortpass filtering.

The filter sets available cover the wavelengths from <400nm to more than 1100nm. Within this range you can select the half-power point for the shortpass and longpass filters to any value in steps of 1nm. If the longpass wavelength is set higher than the shortpass wavelength the transmission will be blocked, acting as a shutter. There are more than 5,000 combinations of filter settings available with the VF-1 Edge.

VF-1 EDGE* Lambda VF-1 Edge, longpass and shortpass VersaChrome Edge filters, blocking filter, Lambda 10-B control unit, serial and USB cables, power cable and manual.

*Please select filter(s) when ordering

SUTTER INSTRUMENT

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