

Flexible Wavelength Selector – Basic

The Flexible Wavelength Selector is a unique wavelength selection device that employs TwinFilm™ technology to deliver the tunability and adjustable bandwidth of a grating monochromator, together with the imaging advantages of a circular aperture filter. Basic models feature manual adjustment of the center wavelength, transmission bandwidth and beam offset compensation. Click [here](#) for videos and more information.

/ Optical Specifications

Transmission: > 75%

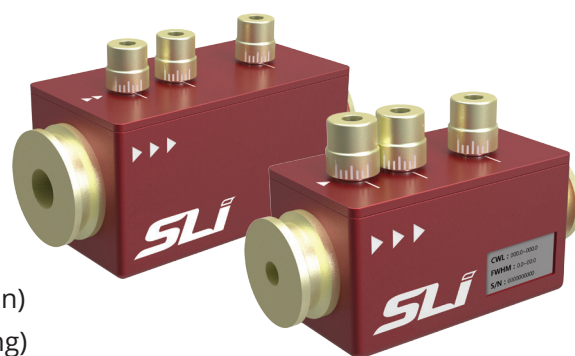
Wavelength Tuning Range: ~100 nm

FWHM: 2 nm ~ 16 nm

Extinction Coefficient: $OD_{avg} > 6$ (275 nm – 925 nm)

Cut-on Transition Width: 2% – 3% (from blocking to transmission)

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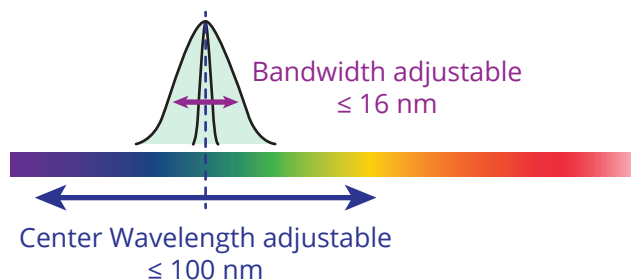
/ General Specifications

Dimensions: 40 mm x 76 mm x 40 mm (Medium)

32 mm x 57 mm x 32 mm (Small)

Aperture Size : up to 10 mm (Medium)

up to 5 mm (Small)



Medium Flexible Wavelength Selectors - Basic

Spectral Range ¹	Item Number
358 - 400 nm	FWS-B-M-380
395 - 447 nm	FWS-B-M-425
447 - 501 nm	FWS-B-M-475
496 - 561 nm	FWS-B-M-530
555 - 628 nm	FWS-B-M-595
621 - 703 nm	FWS-B-M-665
700 - 790 nm	FWS-B-M-745
784 - 900 nm	FWS-B-M-845

¹Based on maximum bandwidth.
Change in bandwidth may impact the spectral range .

Small Flexible Wavelength Selectors - Basic

Spectral Range ¹	Item Number
358 - 400 nm	FWS-B-S-380
395 - 447 nm	FWS-B-S-425
447 - 501 nm	FWS-B-S-475
496 - 561 nm	FWS-B-S-530
555 - 628 nm	FWS-B-S-595
621 - 703 nm	FWS-B-S-665
700 - 790 nm	FWS-B-S-745
784 - 900 nm	FWS-B-S- 845

¹Based on maximum bandwidth.
Change in bandwidth may impact the spectral range .