

Flexible Wavelength Selector Mono Laser Version

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. Mono models feature complete software control of wavelength and bandwidth via a USB link and simple software interface. The laser version is compatible with beam size of up to 3 mm.

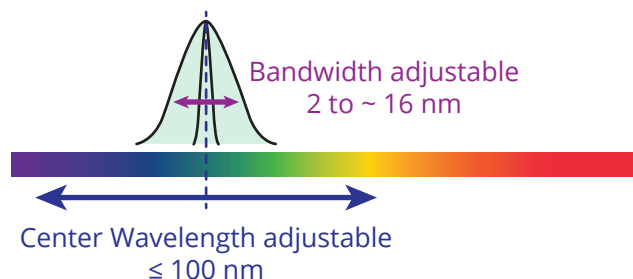
/ Optical Specifications

Transmission: > 75%
 Total Product Range (nominal): 350 ~ 900 nm
 Center Wavelength accuracy: ± 0.5 nm
 FWHM accuracy: ± 0.5 nm
 Extinction Coefficient: $OD_{avg} > 6$ (275 nm – 925 nm)
 Minimum step size of center wavelength: 0.2 nm
 Minimum step size of bandwidth: 1 nm
 Wavelength switching speed (nominal): 70 - 200 ms



/ General Specifications

Dimensions: 48 x 92 x 64 mm
 Aperture Size: 3 mm
 Input Power: 12 V, 2A
 Data Interface: USB 2.0



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Spectral Range ¹	Bandwidth	Item Number
358 - 400 nm	2 - 16 nm	FWS-Mono-380
395 - 447 nm	2 - 15 nm	FWS-Mono-425
447 - 501 nm	2 - 15 nm	FWS-Mono-475
496 - 561 nm	2 - 14 nm	FWS-Mono-530
555 - 628 nm	2 - 14 nm	FWS-Mono-595
621 - 703 nm	3 - 13 nm	FWS-Mono-665
700 - 790 nm	3 - 12 nm	FWS-Mono-745
784 - 900 nm	4 - 10 nm	FWS-Mono-845

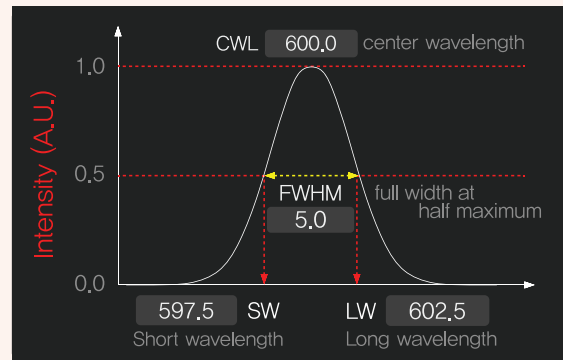
based on maximum bandwidth¹

*All specifications subject to change without prior notice

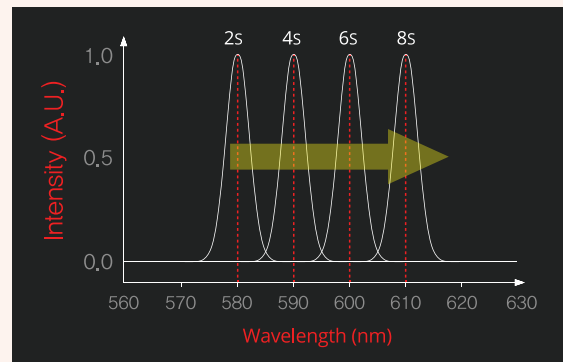
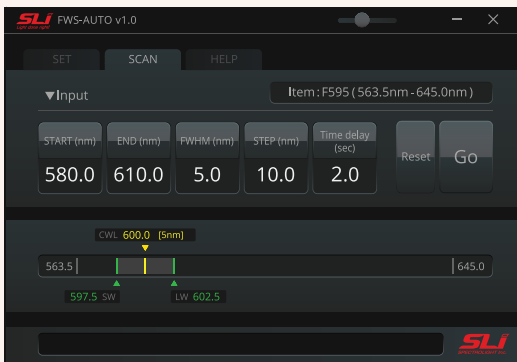
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/ Software features

SET



SCAN



/ Application

