

Flexible Wavelength Selector Auto Poly

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. Auto Poly models feature complete software control of wavelength and bandwidth via a USB link and simple software interface.

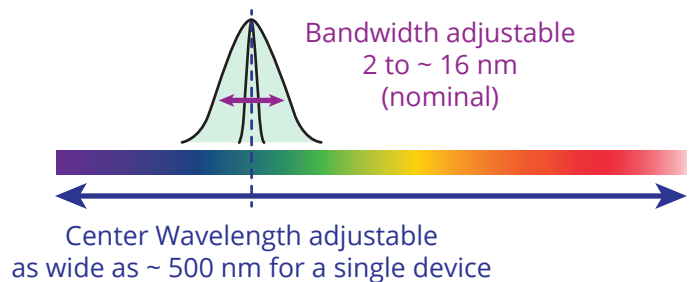
/ Optical Specifications

- Transmission efficiency: > 75%
- Center Wavelength accuracy (nominal): ± 0.5 nm
- FWHM accuracy (nominal): ± 0.5 nm
- Extinction Coefficient: $OD_{avg} > 6$ (275 nm – 925 nm)
- Cut-on Transition Width: 2% – 3% (from blocking to transmission)
- Cut-off Transition Width: 2% – 3% (from transmission to blocking)



/ General Specifications

- Dimensions: 170 x 129 x 200 mm
- Aperture Size: 10 mm
- Input Power: 12 V, 4A
- Data Interface: USB 2.0



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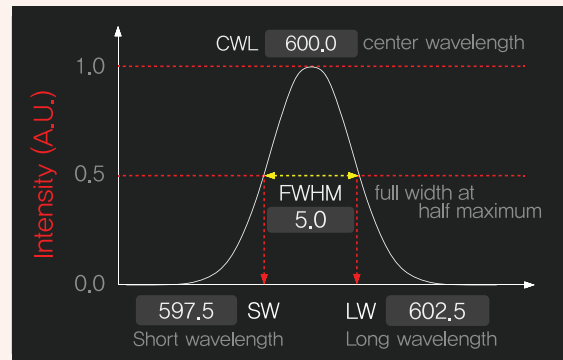
Spectral Range ¹	Item Number
358 - 447 nm	FWS-Auto-Poly-UV
358 - 628 nm	FWS-Auto-Poly-UV-Plus
447 - 628 nm	FWS-Auto-Poly-VIS
432 - 900 nm	FWS-Auto-Poly-VIS-Plus
555 - 900 nm	FWS-Auto-Poly-IR
Custom range	FWS-Auto-Poly-SP

¹ based on maximum bandwidth¹

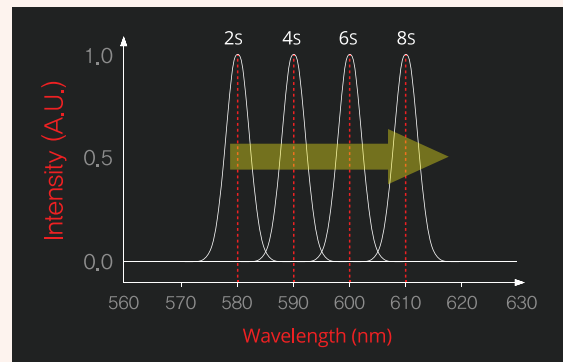
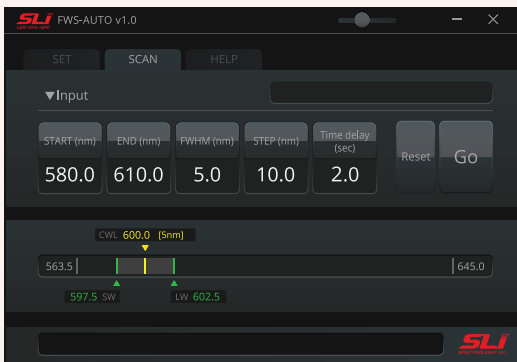
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/ Software features

SET



SCAN



/ Application



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