

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

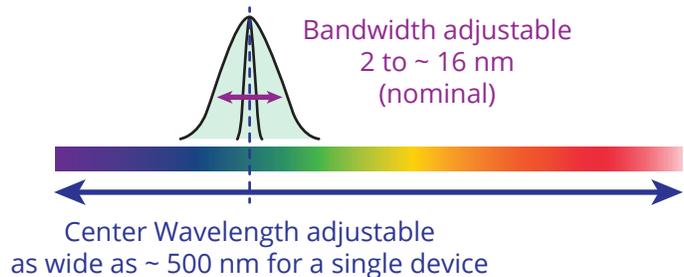
/ Optical Specifications

- 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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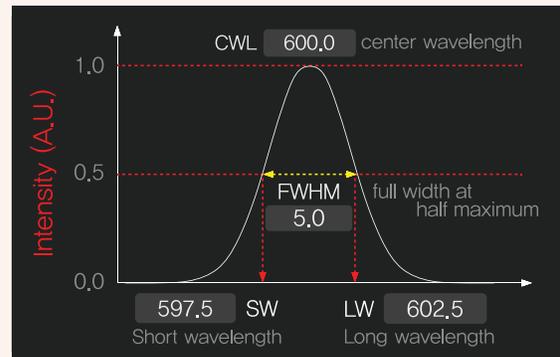
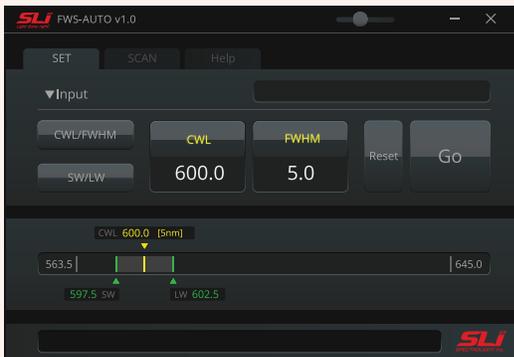
| Spectral Range ¹ | Item Number |
|-----------------------------|-------------------|
| 358 - 487 nm | FWS-Poly-UV |
| 358 - 628 nm | FWS-Poly-UV-Plus |
| 447 - 628 nm | FWS-Poly-VIS |
| 432 - 900 nm | FWS-Poly-VIS-Plus |
| 555 - 900 nm | FWS-Poly-IR |
| Custom range | FWS-Poly-SP |

¹based on maximum bandwidth¹

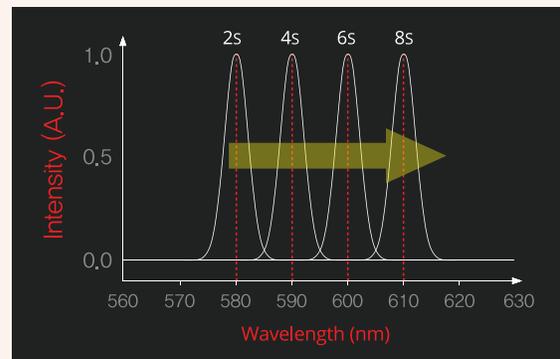
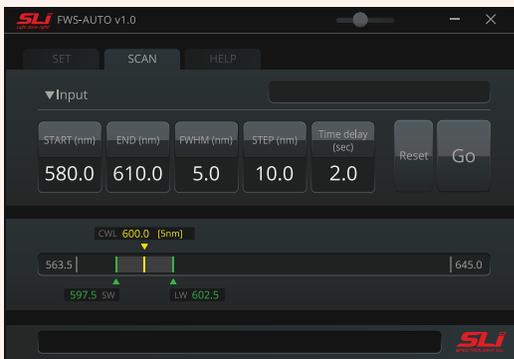
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/ Software features

SET



SCAN



/ Application

