

## Flexible Wavelength Selector – High Resolution

The Flexible Wavelength Selector utilizes TwinFilm™ technology to deliver the wavelength tuning and adjustable bandwidth of a grating monochromator together with the imaging advantages of a circular aperture filter. The high resolution manual format features two precision multi-rotation dials for adjusting the center wavelength and the transmission bandwidth. The third knob is used for compensating the beam direction offset. 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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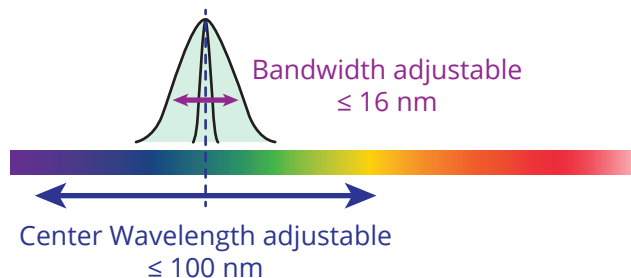


### / General Specifications

Dimensions : 40 mm x 76 mm x 50 mm

Aperture Size : up to 10 mm

Precise adjustment of wavelength and bandwidth



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Spectral Range <sup>1</sup>	Item Number
358 - 403 nm	FWS-H-M-380
397 - 449 nm	FWS-H-M-425
448 - 503 nm	FWS-H-M-475
499 - 563 nm	FWS-H-M-530
558 - 630 nm	FWS-H-M-595
625 - 709 nm	FWS-H-M-665
699 - 794 nm	FWS-H-M-745
790 - 900 nm	FWS-H-M-845

Based on maximum bandwidth.<sup>1</sup>  
Change in bandwidth may impact the spectral range .

\*Note : For the optimal performance of Wavelength Selectors, the incident light should be collimated.

All specifications are subject to change without prior notice