

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.

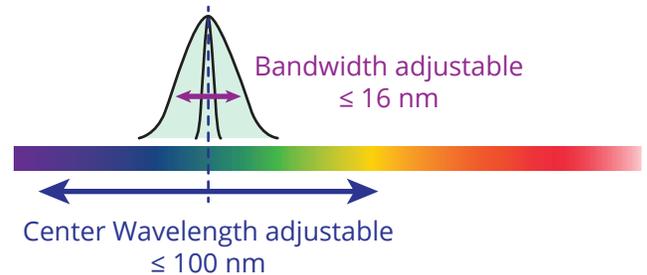
/ Optical Specifications

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



/ 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 ¹ | 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.¹
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