

Flexible Wavelength Selector - Auto Mono (FWS-Mono)

FWS-Mono features complete software control of wavelength and bandwidth via a USB link and simple software interface.



Optical Specifications

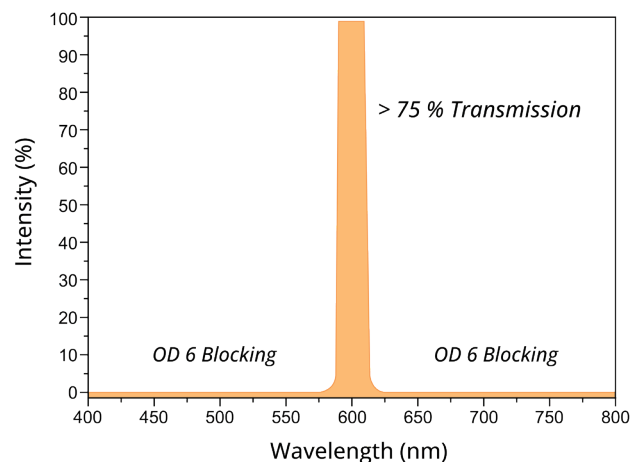
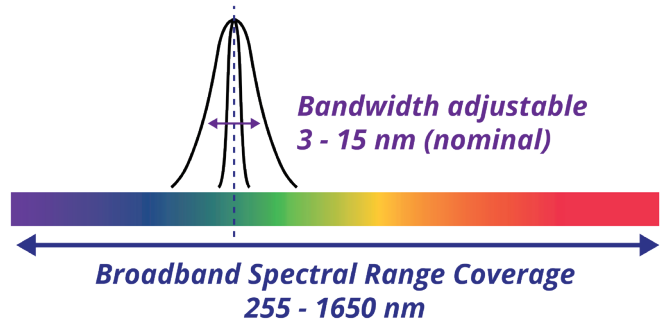
- Transmission: > 75 %
- Tunable spectral wavelength : 255 - 1650 nm
- Center wavelength accuracy : See table below
- Tunable FWHM range :
 - 255 - 890 nm : 3 - 15 nm
 - 880 - 1500 nm : 5 - 15 nm
 - 1475 - 1650 nm : 7 - 13 nm
- FWHM resolution : 1 nm
- Out-of-band blocking : OD 6 (0.0001 % transmission)

General Specifications

- Dimensions: 48 x 92 x 64 mm
- Aperture size: 5 mm
- Input power: AC 12 V, 2 A
- Electric requirement : AC 100 - 240 V, 50/60 Hz
- Data interface: USB



Item Number	Spectral Range	C.W.A
FWS-Mono-F00	255 - 290 nm	0.5 nm
FWS-Mono-F01	280 - 310 nm	0.5 nm
FWS-Mono-F02	310 - 350 nm	0.5 nm
FWS-Mono-F03	348 - 390 nm	0.5 nm
FWS-Mono-F04	385 - 435 nm	0.5 nm
FWS-Mono-F05	430 - 490 nm	0.5 nm
FWS-Mono-F06	485 - 550 nm	0.5 nm
FWS-Mono-F07	545 - 620 nm	0.5 nm
FWS-Mono-F08	615 - 700 nm	0.5 nm
FWS-Mono-F09	690 - 790 nm	0.5 nm
FWS-Mono-F10	775 - 890 nm	0.5 nm
FWS-Mono-F11	880 - 1015 nm	1 nm
FWS-Mono-F12	1000 - 1150 nm	1 nm
FWS-Mono-F13	1140 - 1310 nm	1 nm
FWS-Mono-F14	1300 - 1500 nm	1 nm
FWS-Mono-F15	1475 - 1650 nm	1 nm



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

*Note : F00-F02 models can block up to 600 nm.

*C.W.A = Center Wavelength Accuracy

19800 MacArthur Blvd., Suite 300, Irvine, CA 92612 / Tel. 949-800-7780