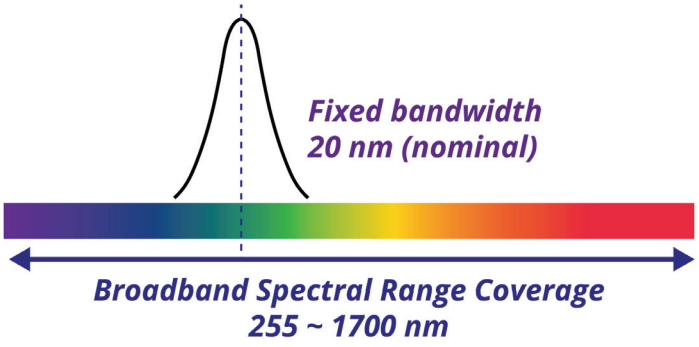
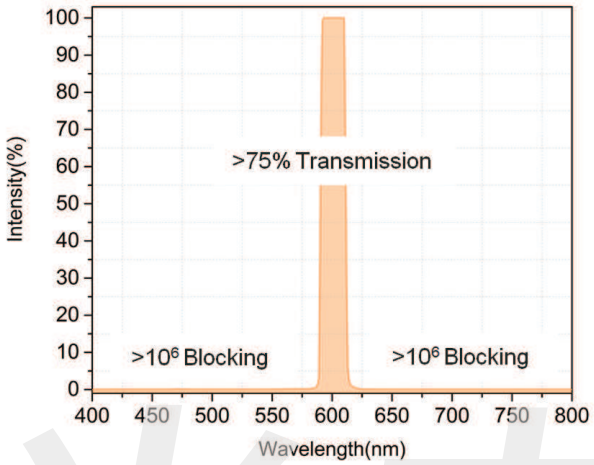
Flexible Wavelength Selector **Poly-BLUE**

Light Done Right!



Model name	Spectral range (nm)
Poly-BLUE-UV	280 - 390
Poly-BLUE-VIS	430 - 790
Poly-BLUE-IR	775 - 1150
Poly-BLUE-SWIR	1140 - 1700
Poly-BLUE-Custom	Custom range



** Center Wavelength tuning range can vary by a few nanometers depending on the product.*
Minimum step size of center wavelength: 1 nm / Bandwidth (FWHM) Fixed: 20 nm (nominal)

FWHM	20 (nominal)														
CWL	255 - 290	280 - 310	310 - 350	348 - 390	385 - 435	430 - 490	485 - 550	545 - 620	615 - 700	690 - 790	775 - 890	880 - 1015	1000 - 1150	1140 - 1310	1300 - 1500	1475 - 1700
Poly-BLUE-UV		●	●	●												
Poly-BLUE-VIS						●	●	●	●	●						
Poly-BLUE-IR											●	●	●			
Poly-BLUE-SWIR														●	●	●
Poly-BLUE-Custom						*Up to 9 in one device*										

Poly-BLUE-A5	5 mm	Suitable for supercontinuum lasers
Poly-BLUE-A10	10 mm	Suitable for light sources with large beam size (tungsten-halogen, plasma, LED)

** For optimal performance input light source must be collimated*

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	Poly-BLUE-A5	Poly-BLUE-A10
Spectral range (nm)	255-1700	255-1700
Bandwidth (FWHM) (nm)	20 (fixed)	20 (fixed)
Aperture size (mm)	5	10
Out of band Blocking	OD 12 (10^{-12}) in tuning range, OD 6 (10^{-6}) in spectral range	
Step size of center wavelength (nm)	1.0	
Step size of bandwidth (FWHM) (nm)	1.0	
Wavelength accuracy (nm) : CWL, FWHM	< 1 nm	
Damage threshold	Peak Fluence < 1.75 Joules/cm^2 (~70 ㎛ spot diam., 10 ns pulse, 10 Hz repetition rate, 532 nm LASER) CW (Continuous wave) Intensity < 2 MW/cm^2 (1064 nm, ~ 90 ㎛ spot diam.)	
Transmission efficency (%)	≥ 75 % (in proportion to the input light power / FWHM > 10 nm)	
Scanning speed (ms)	20 - 200 ms (depending on step size)	
Software	FWS-Auto ver 4.1	
Dimension (L x W x H, mm)	136.7 x 124 x 214	
Input power	AC 12 V, 5 A	
Electric requirement	AC 100 - 240 V, 50/60 Hz	
Data interface	USB 2.0	
Weight (kg)	3.15	

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