

SPECIFICATIONS

MS-BY laser

MS-BY laser can emit up to two wavelengths from one aperture and with separate power monitors for each wavelength. It is widely used for life sciences, fluorescence microscope, spectral analysis, optogenetics.

Laser Data	Wavelength (nm)	Output power (mW)	Transverse mode	Beam diameter at the aperture (mm)	Beam divergence, full angle (mrad)
Blue	405nm	1~500	Near TEM ₀₀	<4	<0.5
	473nm	1~300	TEM ₀₀	~2.0	<1.5
		300~500	Near TEM ₀₀	~3.0	<1.5
Yellow	589nm	1~50	TEM ₀₀	~1.2	<1.5
		50~200	TEM ₀₀	~3.0	<2.0
	593.5nm	1~50	TEM ₀₀	~1.2	<1.5
		50~150	Near TEM ₀₀	~3.0	<2.0
Operating mode	CW				
Operating temperature (°C)	10~35				
Power supply	PSU-III-LED/ PSU-H-LED				
TTL modulation/Analog modulation	Optional, 1Hz-1KHz, 1KHz-10KHz, or higher on request				
Expected lifetime (hours)	10000				
Warranty period	1 year				



Laser Head MS-BY		Driver	
		PSU-III-LED	PSU-H-LED
			
296(L)×170(W)×73(H) mm³, 4.18kg	353(L)×211(W)×136(H) mm³, 14.5 kg	188 (L) ×155(W) ×92 (H) mm³, 1.5kg	277(L) ×145(W) ×106 (H) mm³, 2.3 kg
			