

UV-F-355/1~20mW

LD PUMPED ALL-SOLID-STATE CW UV LASER





All solid state 355nm UV laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.



SPECIFICATIONS

Wavelength (nm)	355±1		
Output power (mW)	>1, 2, 3, ..., 20		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<10%		
Warm-up time (minutes)	<10		
M ² factor	<2.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	45		
Polarization ratio	>50:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Residual infrared light	<1%		
Power supply (89-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-F-355	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
 209(L)×88(W)×74(H) mm ³ , 1.6 kg	 268 (L) ×145(W) ×106 (H) mm ³ , 2.6 kg	 238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	 238 (L) ×146(W) ×94 (H) mm ³ , 2.2 kg
