

UV-F-355/1~10mW



### LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 355nm UV laser is made features of ultra compact, long lifetime, cost-effectiveness 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
Operating mode	CW
Output power (mW)	>1, 2, 3, ..., 10
Power stability (rms, over 4 hours)	<10%
Transverse mode	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<2.0
Beam diameter at the aperture (mm)	<2.0
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	>50:1
Spectral purity	>99%
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-H-OEM
Expected lifetime (hours)	5000
Warranty period	1 year



UV-F-355	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>211(L)×88(W)×74(H) mm<sup>3</sup>, 1.6 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>	<p>245.5 (L) ×146(W) ×94 (H) mm<sup>3</sup>, 2.2 kg</p>