

UV-F-360 /1~100mW



### LD PUMPED ALL-SOLID-STATE UV LASER AT 360nm

All solid state 360nm 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, measurement, physics experiment, laser rapid modeling, Raman spectroscopy and fluorescence analysis etc.



### SPECIFICATIONS

Central wavelength (nm)	360±1	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ... , 100	
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	Near TEM <sub>00</sub>	
M <sup>2</sup> factor	<2.0	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~1.5	
Beam divergence, full angle (mrad)	<1.0	
Polarization ratio	>50:1 Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	5000	
Warranty	1 year	



UV-F-360	PSU-H-LED	PSU-H-FDA
<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>236(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>