

UV-FN-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)	>1,10,20,50, ... , 100	
Power stability (rms, over 4 hours)	<3%, <5%	
Transverse mode	Near TEM ₀₀	
M ² factor	<2.0	
Beam diameter at the aperture (1/e ² , 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)	27.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	5000	
Warranty	1 year	



Note: The laser head needs to be used on a heat sink with good heat dissipation.

UV-FN-360	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm³, 2.0 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>236(L) ×145(W) ×104(H) mm³, 2.3 kg</p>