



UV-FN-273 /1~5mW



LD PUMPED ALL-SOLID-STATE
UV LASER AT 273nm

All solid state 273nm 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)	273±1
Operating mode	CW
Output power (mW)	>1,2, ..., 5
Power stability (rms, over 4 hours)	<10%
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
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-273	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm³, 1.5 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>