

UV-F-349/1~100mW



LD PUMPED ALL-SOLID-STATE CW UV LASER

All solid state 349nm 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)	349 ± 1
Operating mode	CW
Output power (mW)	>1, 2, ..., 100
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Transverse mode	Near TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture (mm)	~1.5
Beam divergence, full angle (mrad)	<1.0
Polarization ratio	>50:1 Horizontal ±5degree (Vertical Optional)
Warm-up time (minutes)	<10
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Spectral purity	>99%
Power supply (90-264VAC)	PSU-H-FDA/PSU-H-LED
Expected lifetime (hours)	5000
Warranty period	1 year



UV-F-349	PSU-H-FDA	PSU-H-LED
<p>211 (L) × 88 (W) × 74 (H) mm³, 1.6 kg</p>	<p>275 (L) × 145 (W) × 104 (H) mm³, 2.3 kg</p>	<p>277 (L) × 145 (W) × 106 (H) mm³, 2.6 kg</p>