

UV-F-303/1~5mW

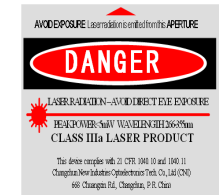
LD PUMPED ALL-SOLID-STATE CW UV LASER


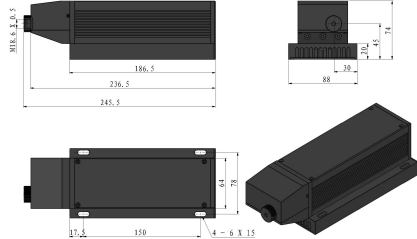

All solid state 303nm UV laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.



SPECIFICATIONS

Wavelength (nm)	303 ± 1
Output power (mW)	>1, 2, ..., 5
Transverse mode	Near TEM ₀₀
Operating mode	CW
Power stability (rms, over 4 hours)	<10%
Warm-up time (minutes)	<10
M ² factor	<2.0
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~3.0
Beam height from base plate (mm)	45
Polarization ratio	>50:1 (Horizontal)
Operating temperature (°C)	10~35
Spectral purity	>99%
Power supply (90-264VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



UV-F-303	Dimension	PSU-H-FDA	Dimension
 <p>245.5(L)×88(W)×74(H) mm³, 2.0 kg</p>		 <p>275 (L) ×145(W) ×104 (H) mm³, 2.3 kg</p>	