

**UV-F-303/1~5mW**



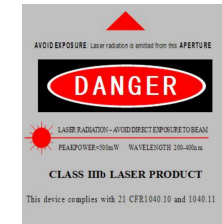
**LD PUMPED ALL-SOLID-STATE  
CW UV LASER**

All solid state 303nm UV laser is made features of ultra compact, long lifetime, 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)	303 ± 1
Operating mode	CW
Output power (mW)	>1, 2, ..., 5
Power stability (rms, over 4 hours)	<10%
Transverse mode	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<2. 0
Beam diameter at the aperture (mm)	~3. 0
Beam divergence, full angle (mrad)	<6.0
Polarization ratio	>50:1 (Horizontal)
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
Expected lifetime (hours)	5000
Warranty period	1 year



UV-F-303	PSU-H-FDA
<p>211 (L) x 88 (W) x 74 (H) mm<sup>3</sup>, 1.6 kg</p>	<p>275 (L) x 145 (W) x 104 (H) mm<sup>3</sup>, 2.3 kg</p>