



**UV-DP-313 series**

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

All solid-state CW mode UV laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



**SPECIFICATIONS**

Part number	UV-DP-313-A	UV-DP-313-B	
Operating mode	CW		
Output power (mW)	1-300	300-1500	1500-2000 (Please seek details on customized parameters and dimensions)
Power stability (rms, over 4 hours)	<3%, <2%, <1%		
Transverse mode	Near TEM <sub>00</sub>		
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<3.0		
Beam divergence, full angle (mrad)	<5.0		
Warm-up time (minutes)	<10		
Polarization Ratio	>50:1, Vertical (Horizontal Optional)		
Beam height from base plate (mm)	50	94	
Cooled method	Fan Cooled	WCH-580 (Water Cooled)	
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-DP-A	12V DC (Photoelectric integrated)	
Warranty	1 year		



LASER HEAD (UV-DP-313-A)	POWER SUPPLY (PSU-DP-A)	LASER HEAD(UV-DP-313-B)
<p>377(L)×236(W)×200(H) mm<sup>3</sup></p>	<p>323(L)×190(W)×104(H) mm<sup>3</sup></p>	<p>370(L)×236(W)×137(H) mm<sup>3</sup></p>
<p>LASER HEAD (UV-DP-313-B POWER&gt;1500mW)</p>	<p>Water Chiller(WCH-580)</p>	
<p>370 (L) ×236 (W) ×202(H) mm<sup>3</sup></p>	<p>345 (L) ×248 (W) ×215(H) mm<sup>3</sup></p>	