



UV-DP-xxx-B 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

Central wavelength (nm)	261±1		266±5		273±1
Operating mode	CW				
Output power (mW)	1-200	200-1000 (Please seek details on customized parameters and dimensions)	1-200	200-1000 (Please seek details on customized parameters and dimensions)	1-150
Power stability (rms, over 4 hours)	<3%, <2%, <1%				
Transverse mode	Near TEM ₀₀				
Beam diameter at the aperture (1/e ² , mm)	<3.0				
Beam divergence, full angle (mrad)	<3				
Warm-up time (minutes)	<10				
Polarization Ratio	>50:1, Horizontal (Vertical Optional)				
Beam height from base plate (mm)	94				
Cooled method (Water Cooled)	WCH-580				
Operating temperature (°C)	10~35				
Power supply	12V DC (Photoelectric integrated)				
Warranty	1 year				



SPECIFICATIONS

Central wavelength (nm)	320±1		335±1	340±1	349±1	360±1
Operating mode	CW					
Output power (mW)	300-1500	1500-2000 (Please seek details on customized parameters and dimensions)	200-600	1-100	400-800	400-800
Power stability (rms, over 4 hours)	<3%, <2%, <1%					
Transverse mode	Near TEM ₀₀					
Beam diameter at the aperture (1/e ² , mm)	<3.0					
Beam divergence, full angle (mrad)	<5					
Warm-up time (minutes)	<10					
Polarization Ratio	>50:1, Vertical (Horizontal Optional)			>50:1, Horizontal (Vertical Optional)		
Beam height from base plate (mm)	94					
Cooled method (Water Cooled)	WCH-580					
Operating temperature (°C)	10~35					
Power supply	12V DC (Photoelectric integrated)					
Warranty	1 year					



LASER HEAD	LASER HEAD (UV-DP-261/ 266-B POWER>200mW& UV-DP-320-B POWER>1500mW)	Water Chiller(WCH-580)
<p>370(L)×236(W)×137(H) mm³</p>	<p>370 (L) ×236 (W) ×202(H) mm³</p>	<p>345 (L) ×248 (W) ×215(H) mm³, 10.5 kg</p>