



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	303	320±1
Operating mode	CW				
Output power (mW)	1-1000	1-1000	1-150	10-50	300-2000
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			<5	
Warm-up time (minutes)	<10				
Polarization Ratio	>50:1, Horizontal (Vertical Optional)			>50:1, Vertical (Horizontal 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				

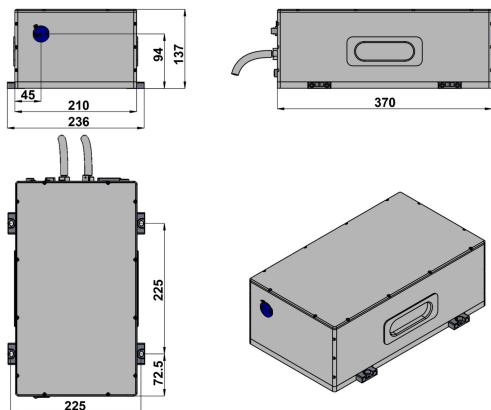


SPECIFICATIONS

Central wavelength (nm)	335±1	340±1	349±1	360±1	365±1
Operating mode	CW				
Output power (mW)	200-800	1-100	400-3500	400-3000	100-300
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, 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



370(L)×236(W)×137(H) mm³

Water Chiller(WCH-580)



345 (L) ×248 (W) ×215(H) mm³, 10.5 kg