



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±1	266±5	269±1	273±1	275±1	303±1
Operating mode	CW						
Output power (mW)	100-1500	1-500	1-1500	1-300	100-400	50-200	30-50
Power stability (rms, over 4 hours)	<1%, <0.5%						
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(>100:1 Optional) Vertical (Horizontal Optional)						
Beam height from base plate (mm)	94						
Cooled method (Water Cooled)	WCH-580						
Operating temperature (°C)	10~35						
Modulation option	DC-1kHz; TTL and Analog modulation optional						
Power supply	12V DC (Photoelectric integrated)						
Expected lifetime (hours)	>10000						



SPECIFICATIONS

Central wavelength (nm)	320±1	325±1	335±1	340±1	349±1	360±1	365±1
Operating mode	CW						
Output power (mW)	500-4000	1-1000	200-1200	1-1000	400-4000	400-4000	150-500
Power stability (rms, over 4 hours)	<1%, <0.5%						
Transverse mode	Near TEM ₀₀						
Beam diameter at the aperture (1/e ² , mm)	<3.0						
Beam divergence, full angle (mrad)	<3.0						
Warm-up time (minutes)	<10						
Polarization Ratio	>50:1 (>100:1 Optional) Vertical (Horizontal Optional)						
Beam height from base plate (mm)	94						
Cooled method (Water Cooled)	WCH-580						
Operating temperature (°C)	10~35						
Modulation option	DC-1kHz; TTL and Analog modulation optional						
Power supply	12V DC (Photoelectric integrated)						
Expected lifetime (hours)	>10000						



LASER HEAD	LASER HEAD UV-DP-266-B(266±1nm) UV-DP-325-B(325±1nm)	Water Chiller(WCH-580)
<p>370(L)×236(W)×137(H) mm³, 17.8kg</p>	<p>500(L)×301(W)×137(H) mm³, 35.0kg</p>	<p>345 (L) ×248 (W) ×215(H) mm³, 10.5 kg</p>