



UV-DP-xxx-B series (200-300nm)

LD PUMPED ALL-SOLID-STATE LASER

All solid-state CW mode UV laser features 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)	248±2	250±1	257±3	259±1	261±1	266±1	266±5	269±1	273±1	275±1
Operating mode	CW									
Output power (mW) ¹	1-50	1-50	1-150	1-150	100-1500	1-500	1-1500	1-300	100-400	50-200
Power stability (rms, 4 hours±3°C)	<2%, <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 optional									
Operating voltage (VDC)	12V/ 25A									
Expected lifetime (hours)	>10000									



<p>LASER HEAD (DRIVER Integrated) (UV-DP-248/250/257/259/261/266(266±5nm)/269/273/275-B)</p> <p>370(L)×236(W)×137(H) mm³, 17.8kg</p>	<p>LASER HEAD (DRIVER Integrated) (UV-DP-266-B(266±1nm))</p> <p>500(L)×301(W)×137(H) mm³, 35.0kg</p>
<p>POWER SUPPLY (100-240VAC) optional</p>	<p>WATER CHILLER (WCH-580)</p>
<p>199(L)×99(W)×50(H) mm³, 1.0kg</p>	<p>345 (L) × 248 (W) × 215(H) mm³, 10.5kg</p>

1 Any power level can be selected in this range.