



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

LD PUMPED ALL-SOLID-STATE LASER

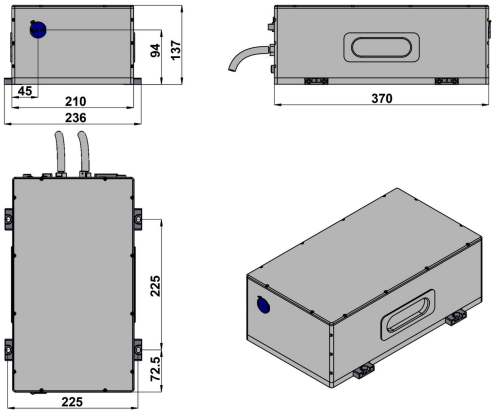
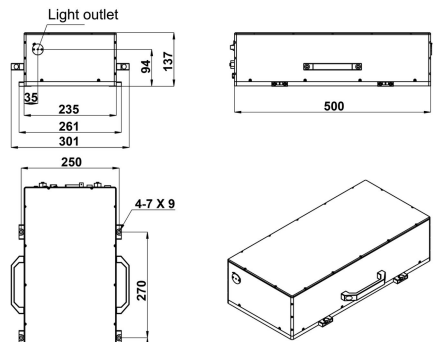
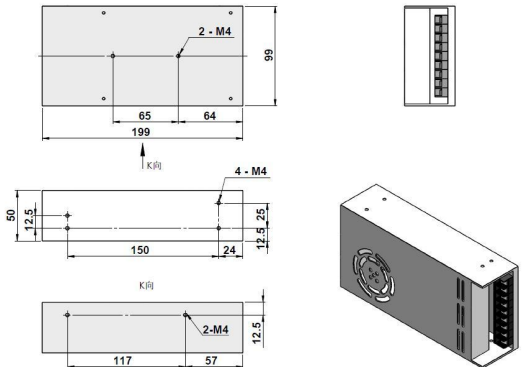
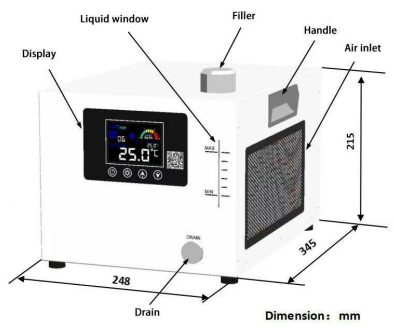
All solid-state CW mode UV laser features ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



SPECIFICATIONS

Central wavelength (nm)	248±2	250±1	257±3	259±1	261±1	266±1	266±5	269±1	273±1	275±1	280±1	287±1	298±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	1-20	1-100	1-30			
Power stability (rms, 4 hours±3°C)	<2%, <1%, <0.5%										<3%					
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															

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LASER HEAD (DRIVER Integrated) (UV-DP-248/250/257/259/261/266(266±5nm)/269/273/275-B)	LASER HEAD (DRIVER Integrated) (UV-DP-266(266±1nm)/280/287/298-B)
 370(L)×236(W)×137(H) mm³, 17.8kg	 500(L)×301(W)×137(H) mm³, 25.0kg
POWER SUPPLY (100-240VAC) optional	WATER CHILLER (WCH-580)
 199(L)×99(W)×50(H) mm³, 1.0kg	 345 (L) ×248 (W) ×215(H) mm³, 10.5kg

1 Any power level can be selected in this range.

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