



UV-DP-xxx-B series (301-400nm)

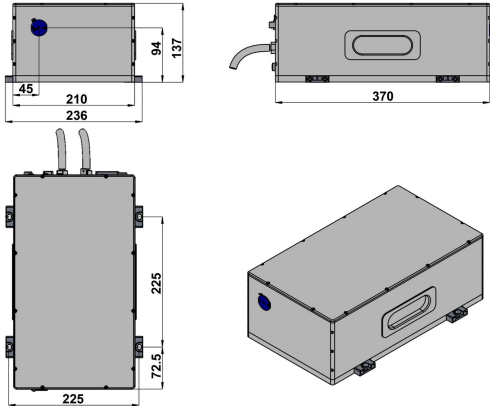
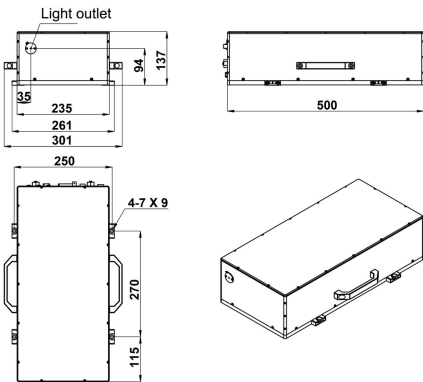
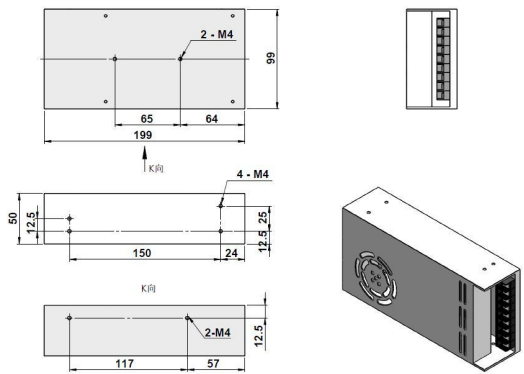
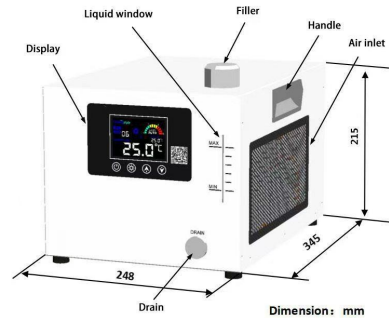
LD PUMPED ALL-SOLID-STATE LASER

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)	303±1	320±1	325±1	335±1	340±1	349±1	360±1	365±1
Operating mode	CW							
Output power (mW) ¹	30-500	500-4000	1-1000	200-1200	1-1000	400-4000	400-4000	150-1200
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							

LASER HEAD (DRIVER Integrated) (UV-DP-303/320/335/340/349/360/365-B)  370(L)×236(W)×137(H) mm³, 17.8kg	LASER HEAD (DRIVER Integrated) (UV-DP-325-B)  500(L)×301(W)×137(H) mm³, 35.0kg
POWER SUPPLY (100-240VAC) optional  199(L)×99(W)×50(H) mm³, 1.0kg	WATER CHILLER (WCH-580)  345 (L) ×248 (W) ×215(H) mm³, 10.5kg

1 Any power level can be selected in this range.