



UV-DP-xxx-C series (266nm)

LD PUMPED ALL-SOLID-STATE LASER

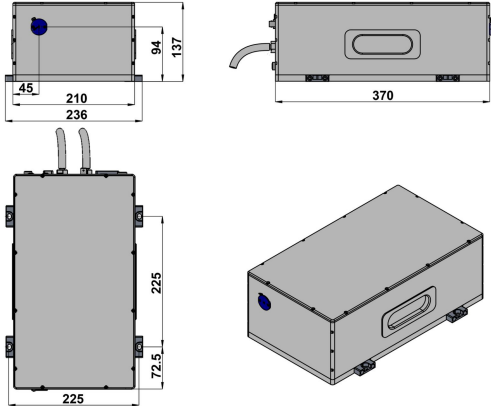
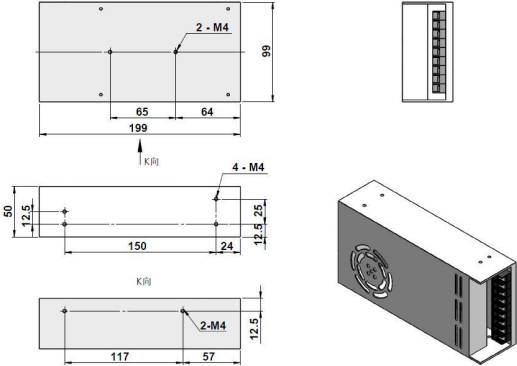
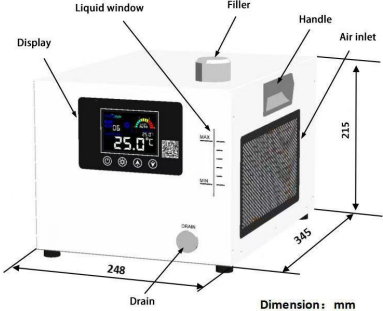
All solid-state CW mode UV laser features ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



SPECIFICATIONS

Central wavelength (nm)	266±5
Operating mode	CW
Output power (mW) ¹	500-1500
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)	POWER SUPPLY (100-240VAC) optional	WATER CHILLER (WCH-580)
 370(L)×236(W)×137(H) mm³, 17.8kg	 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.