UV-C-355/100mW-2000mW

LD PUMPED ALL-SOLID-STATE LASER

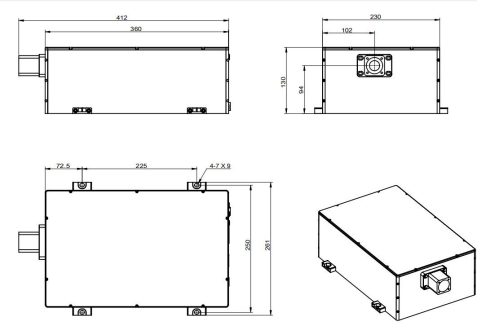
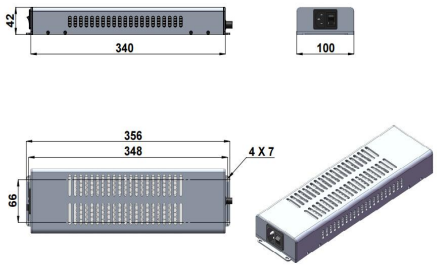
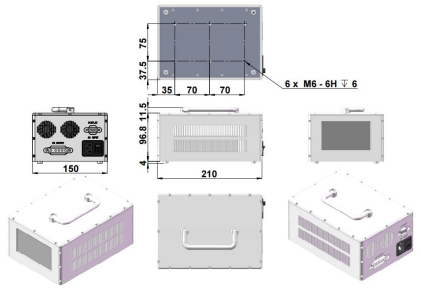
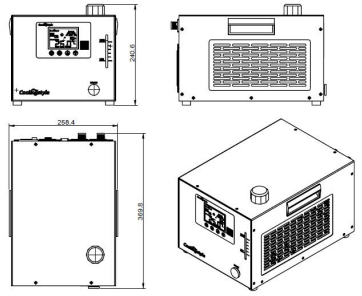
All solid - state CW mode UV laser is made with features of ultra - compactness, easy operation, high power and stability. It is perfect for applications such as flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instruments, physics experiments, etc.

SPECIFICATIONS

Wavelength (nm)	355±1		
Operating mode	CW		
Output power (mW)[1]	100-500	500-1000	1000-2000
Power stability (rms, 4 hours ± 3°C)	<3%, <2%，<1%		
Transverse mode	TEM_{00}		
Beam diameter at the aperture ($1/e^2$, mm)	<2.5		
Beam divergence, full angle (mrad)	<1.5		
M^2	<1.1	<1.2	
Polarization ratio	>100:1 Horizontal		
Warm-up time (minutes)	<10		
Beam height from base plate (mm)	94		
Cooled method	Water cooled		
Operating Temperature (°C)	10-35		
Operating voltage (VDC)	36V/13.9A		
Expected lifetime (hours)	>10000		





LASER HEAD (DRIVER Integrated)	POWER SUPPLY PSU-36 (100-240VAC) optional	POWER SUPPLY PSU-36-C[2](100-240VAC) optional	WATER CHILLER (WCH-580)
			
412(L)×261(W) ×130(H) mm³, 18 kg	**356 (L) ×100 (W) ×42 (H) mm³, 2.2kg**	**210 (L) ×150 (W) ×112.3 (H) mm³, 2.75 kg**	**369.8 (L) ×258.4(W) ×240.6 (H) mm³, 10.5 kg**

1 Any power level can be selected in this range.

2 Parameters can be adjusted.(on/off, etc.)