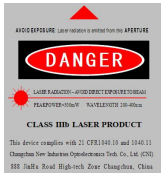
UV-SF series

LD PUMPED ALL-SOLID-STATE LASER

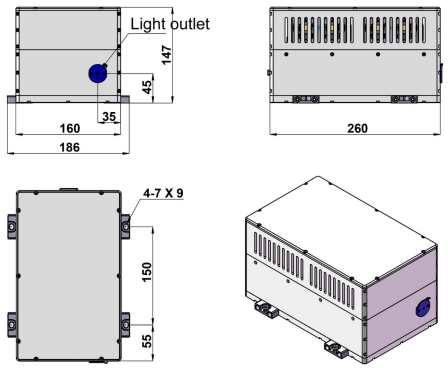
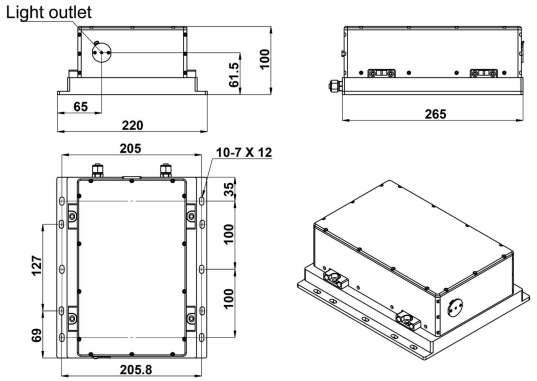
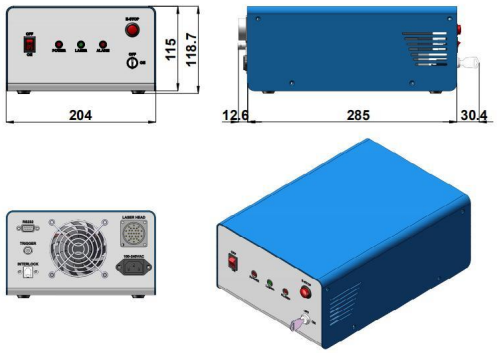
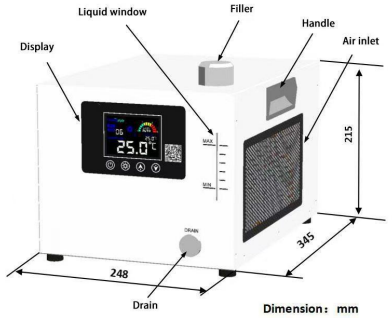




All solid-state CW mode UV laser is made features of ultra compact, easy operating, high power and staiblity, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.

SPECIFICATIONS

Central wavelength (nm)	370±1	385±1	389±1
Operating mode	CW		
Output power (mW)[1]	1-20	1-20	1-40
Power stability (rms, 4 hours±3°C)	<3%, <2%, (<1% optional@Water Cooled)		
Transverse mode	TEM_{00}		
M^2	~3.0		
Beam diameter at the aperture ($1/e^2$, mm)	~3.0		
Beam divergence, full angle (mrad)	<2.0		
Warm-up time (minutes)	<10		
Beam height from base plate (mm)	45@Air Cooled/ 61.5@Water Cooled		
Cooled method (Water Cooled)	WCH-580		
Power supply (100-240VAC)	PSU-SF		
Expected lifetime (hours)	>10000		

LASER HEAD (Air Cooled)	LASER HEAD (Water Cooled)
	
260(L)×186(W)×147(H) mm³, 10kg	**265(L)×220(W) ×100(H) mm³, 8kg**
POWER SUPPLY[2]	WATER CHILLER (WCH-580)
	
328 (L) ×204(W) ×118.7(H) mm³, 3.4kg	**345 (L) ×248 (W) ×215(H) mm³, 10.5kg**

1 Any power level can be selected in this range.

2 Fixed output power; RS232 control optional.