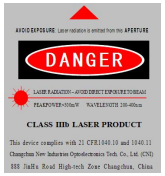
UV-A-xxx series



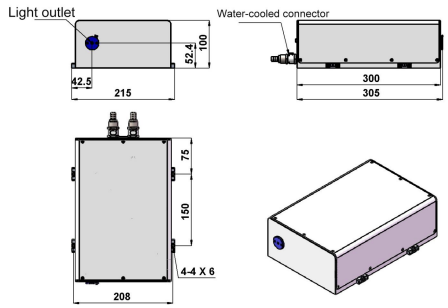
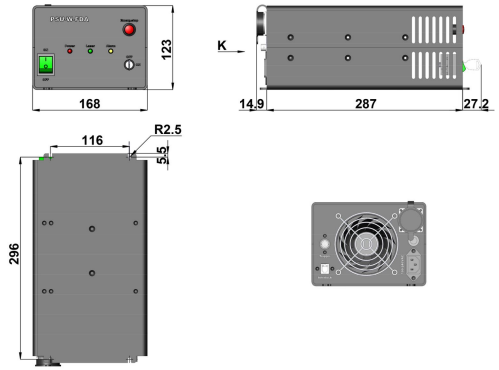
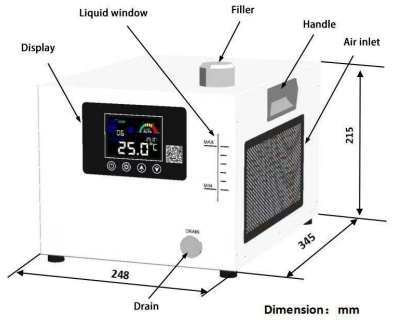


LD PUMPED ALL-SOLID-STATE LASER

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

Wavelength (nm)	355±1
Operating mode	CW
Output power (mW)[1]	50-450
Power stability (rms, 4 hours±3℃)	<3%, <2%, <1%
Transverse mode	TEM_{00}
Beam diameter at the aperture ($1/e^2$, mm)	<3.0
Beam divergence, full angle (mrad)	<3.0
Polarization ratio	>100:1 Horizontal (Vertical optional)
Warm-up time (minutes)	<10
Pointing Stability(μrad) (over 2 hours after warm-up and ±3°C)	<50
Pointing Stability Over Temperature(μrad/°C)	<8
Cooled method (Water cooled)	WCH-580
Beam height from base plate (mm)	52.4
Operating Temperature (°C)	10-35
Modulation option	DC-1kHz; TTL and Analog optional
Power supply (100-240VAC)	PSU-W-FDA
Expected lifetime (hours)	>10000

LASER HEAD	POWER SUPPLY (PSU-W-FDA)[2]	WATER CHILLER (WCH-580)
		
305(L)×215(W) ×100(H) mm³, 8.0 kg	**329.1(L) ×168(W) ×123(H) mm³, 4.1 kg**	**345 (L) ×248 (W) ×215(H) mm³, 10.5kg**

1 Any power level can be selected in this range.

2 Fixed output power.