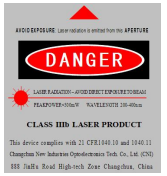
UV-DP-xxx-A series

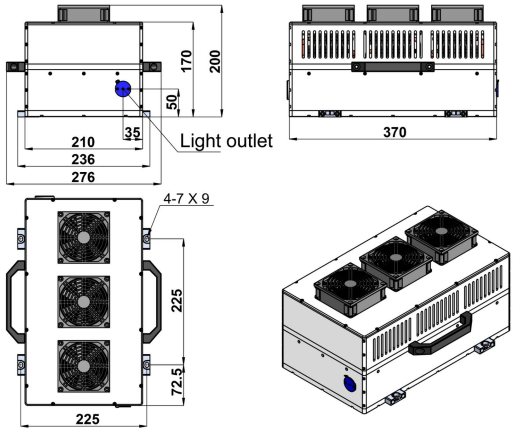
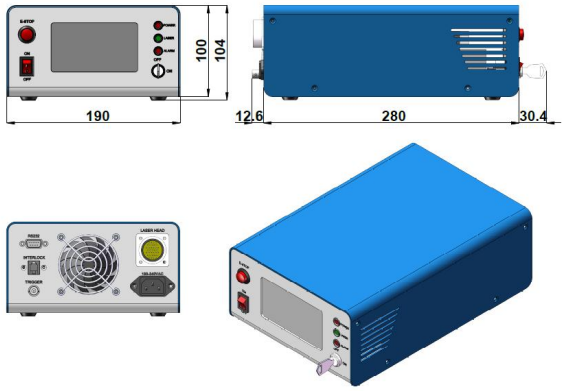
LD PUMPED ALL-SOLID-STATE LASER



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)	261±1	273±1	275±1	320±1	335±1	349±1	360±1	365±1
Operating mode	CW							
Output power (mW)[1]	10-100	5-100	1-50	200-500	60-200	150-400	150-400	100-150
Power stability (rms, 4 hours±3℃)	<3%, <2%, <1%							
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	>100:1, Vertical (Horizontal optional)							
Beam height from base plate (mm)	50							
Cooled method	Air Cooled							
Operating temperature (℃)	10-35							
Power supply (100-240VAC)	PSU-DP-A							
Expected lifetime (hours)	>10000							

LASER HEAD	POWER SUPPLY[2]
	
370(L)×276(W)×200(H) mm³, 18.0kg	**323(L)×190(W)×104(H) mm³, 4.0kg**

1 Any power level can be selected in this range.

2 Output power adjustable 10-100%; RS232 control optional.