



MGL-FN-xxx-H series (526.5nm)

LD PUMPED ALL-SOLID-STATE LASER

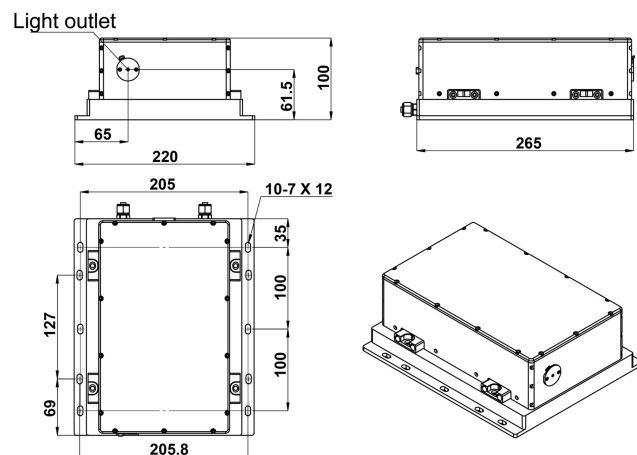
All solid-state CW mode laser is made features of ultra compact, easy operating, high power and staibility, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.



SPECIFICATIONS

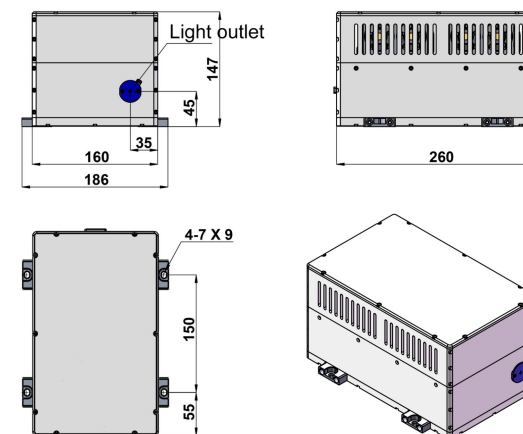
Wavelength (nm)	526.5±1
Operating mode	CW
Output power (mW) ¹	1000-1500
Power stability (rms, 4 hours±3℃)	<3%, <2%, <1%
Transverse mode	TEM ₀₀
M ²	<1.2
Beam diameter at the aperture (1/e ² , mm)	~2.5
Beam divergence, full angle (mrad)	<2.0
Polarization Ratio	>100:1, Vertical (Horizontal Optional)
Warm-up time (minutes)	<10
Beam height from base plate (mm)	45/61.5
Cooled method	Air Cooled/ Water Cooled
Operating Temperature (℃)	10-35
Power supply (100-240VAC)	PSU-W-FDA
Expected lifetime (hours)	>10000

LASER HEAD (Water Cooled)



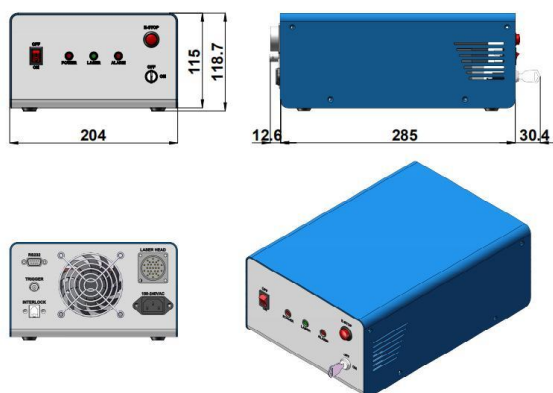
265(L)×220(W)×100(H) mm³, 10kg

LASER HEAD (Air Cooled)



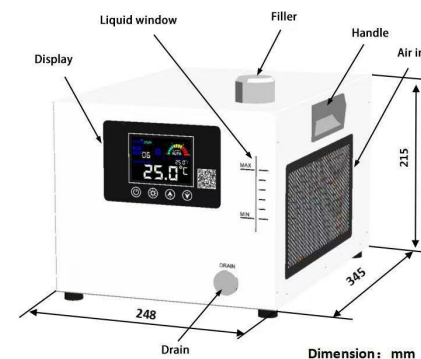
260(L)×186(W)×147(H) mm³, 10kg

POWER SUPPLY²



328 (L) ×204(W) ×118.7(H) mm³, 3.4kg

WATER CHILLER (WCH-580)



345 (L) ×248 (W) ×215(H) mm³, 10.5 kg

1 Any power level can be selected in this range.

2 Fixed output power; RS232 control optional.