

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

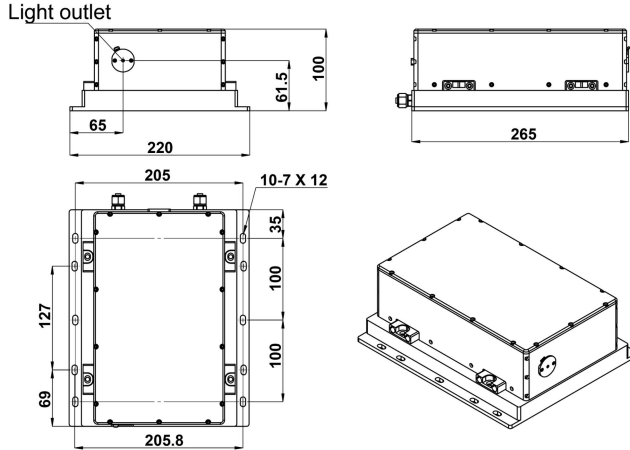
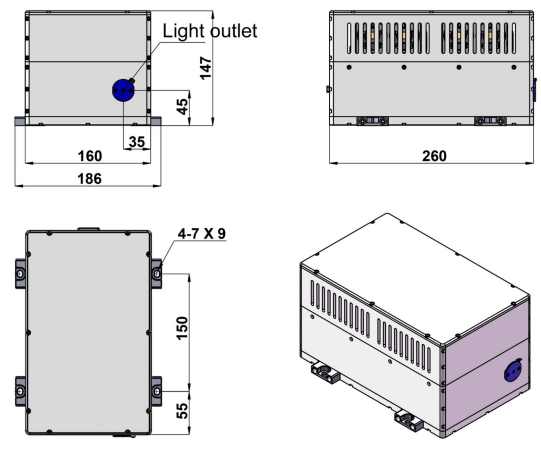
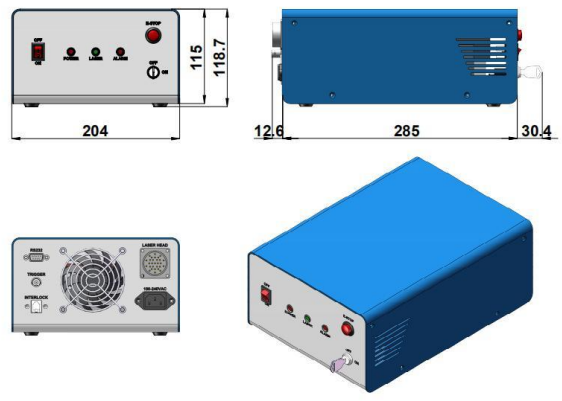
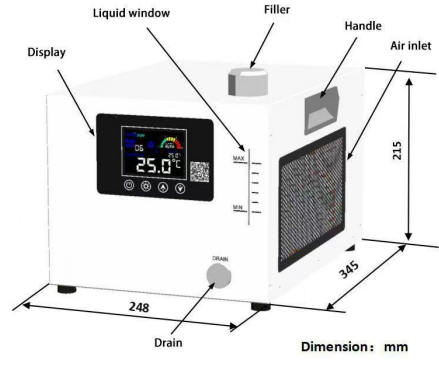
LD PUMPED ALL-SOLID-STATE LASER

All solid-state CW mode laser is made features of ultra compact, easy operating, high power and stability, 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°C)	<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 (°C)	10-35
Power supply (100-240VAC)	PSU-W-FDA
Expected lifetime (hours)	>10000

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

1 Any power level can be selected in this range.

2 Fixed output power; RS232 control optional.