



MGL-DP-xxx-B series

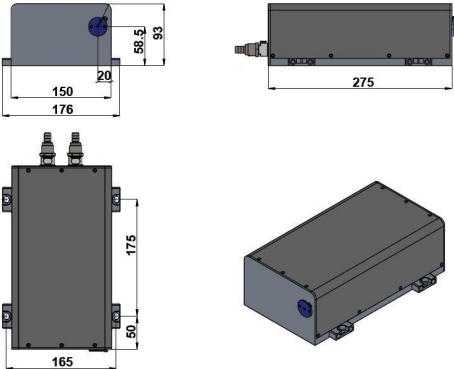
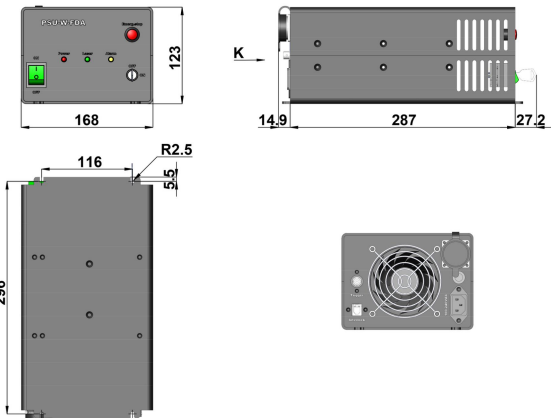
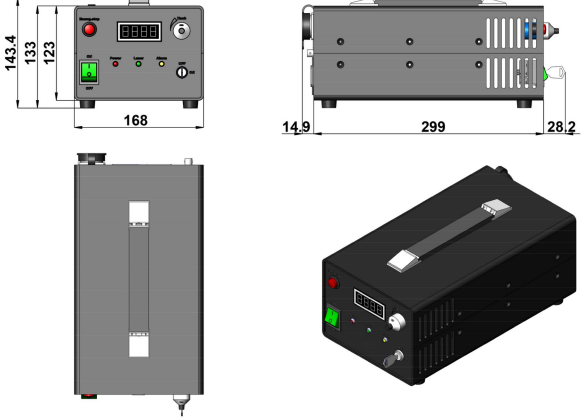
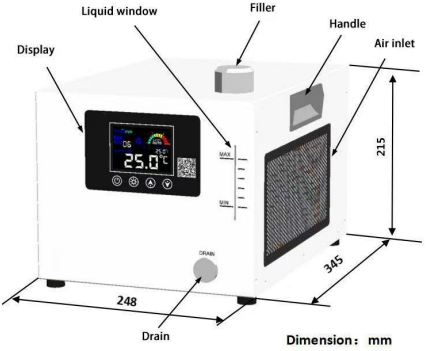
LD PUMPED ALL-SOLID-STATE LASER

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

Part number	MGL-DP-522-B	MGL-DP-545-B
Central wavelength (nm)	522±1	545±1
Operating mode	CW	
Output power (mW) ¹	1500-3000	1000-3500
Power stability (rms, 4 hours±3°C)	<3%, <2%, <1%	
Transverse mode	Near TEM ₀₀ (TEM ₀₀ optional)	
Beam diameter at the aperture (1/e ² , mm)	2.0	
Beam divergence, full angle (mrad)	<5.0	
Warm-up time (minutes)	<10	
Polarization ratio	>100:1 Horizontal (Vertical optional)	
Beam height from base plate (mm)	58.5	
Cooled method (Water Cooled)	WCH-580	
Operating temperature (°C)	10-35	
Modulation option	DC-1kHz; TTL and Analog optional	
Power supply (100-240VAC)	PSU-W-FDA/ PSU-W-LED	
Expected lifetime (hours)	>10000	

LASER HEAD	POWER SUPPLY ²
 275(L)×176(W)×93(H) mm³, 7.5 kg	 329.1(L) × 168(W) × 123(H) mm³, 4.1 kg
POWER SUPPLY (PSU-W-LED) ³	WATER CHILLER (WCH-580)
 335 (L) × 168(W) × 141(H) mm³, 4.0 kg	 345 (L) × 248 (W) × 215(H) mm³, 10.5kg

1 Any power level can be selected in this range.

2 Fixed output power.

3 Output power adjustable 10-100%.

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