



MGL-DP-xxx-C 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-C
Central wavelength (nm)	522±1
Operating mode	CW
Output power (mW) <sup>1</sup>	3000-7000
Power stability (rms, 4 hours±3°C)	<3%, <2%, <1%
Transverse mode	Multi mode
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	3.0
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)	94
Cooled method (Water Cooled)	WCH-580
Operating temperature (°C)	10-35
Operating voltage (VDC)	12V/ 25A
Expected lifetime (hours)	>10000



LASER HEAD (DRIVER Integrated)	POWER SUPPLY (100-240VAC) optional	WATER CHILLER (WCH-580)
<p>436(L)×236(W)×131.5(H) mm<sup>3</sup>, 16.6 kg</p>	<p>199(L)×99(W)×50(H) mm<sup>3</sup>, 1.0kg</p>	<p>345 (L) ×248 (W) ×215(H) mm<sup>3</sup>, 10.5kg</p>

1 Any power level can be selected in this range.