



MGL-DP-xxx-A 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-A
Central wavelength (nm)	522±1
Operating mode	CW
Output power (mW) ¹	800-1500
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)	<3.0
Beam divergence, full angle (mrad)	<3.0
Warm-up time (minutes)	<10
Polarization ratio	>100:1 Horizontal (Vertical optional)
Beam height from base plate (mm)	50
Cooled method	Air Cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-DP-A
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY ²
<p>370(L)×276(W)×200(H) mm³, 18.0kg</p>	<p>323(L)×190(W)×104(H) mm³, 4.0kg</p>

1 Any power level can be selected in this range.

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