

## G4 DIODE PUMPED SOLID STATE LASER



Model Name	G4-60	G4 plus 100	G4 plus 150	G4 plus 200	G4 plus 250
Wavelength	532nm				
Output Power	60mW	100mW	150mW	200mW	250mW
Spatial Mode	TEM <sub>00</sub> , M <sup>2</sup> < 1.1				
Longitudinal Mode	Single Longitudinal Mode (slm)				
Linewidth	<2MHz				
Power Stability	<+/- 2 % over 8 hours				
Noise	<0.5 % RMS (typ. 0.2%)				
Beam Diameter	<2mm at output aperture				
Beam Divergence	< 1.5mRad (collimation options available)				
Polarization	>100:1, Vertical				
Coherence length	>30 meters				
Operating temp.	10-35 deg C				
Laser Head Size	126mm long x 62mm x 51mm				
Power supply	279mmx 205mm x 138mm				
Control	Fixed power operation				
Cooling	Head: Internal TECs, convection through base, 12 W. PSU: Internal fan air cooled				
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 40W		100 - 240 VAC, 50 / 60 Hz Max 60W		
Expected lifetime	>10,000 hours				



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