

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 ₀₀ , M ² < 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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