



I4 DIODE PUMPED SOLID STATE LASER



Model Name	I4-250-1342	I4-500-1342	I4-1000-1342
Wavelength	1342nm		
Output Power	250mW	500mW	1000mW
Longitudinal mode	Single	Multi	
Spatial Mode	TEM ₀₀ , M2 < 1.2		
Power Stability	<+/- 2 % over 8 hours		
Noise	<0.5 % RMS (typ 0.2%)		
Beam Diameter	approx. 1mm at output aperture		
Beam Divergence	<2.5mRad (collimation options available)		
Polarisation	>100:1, Vertical		
Laser Head Size	135mm long x 50mm x 48mm		
Power supply	300mmx 220mm x 130mm		
Control	Power variation via RS232		
Cooling	Head: conduction through base, 12 W. PSU: Air cooled, internal fans		
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 60W		