



I4 DIODE PUMPED SOLID STATE LASER



Model Name	I4-300-1064	I4-500-1064	I4-1000-1064
Wavelength	1064nm*		
Output Power	300mW	500mW	1000mW
Spatial Mode	TEM ₀₀ , M2 < 1.2		
Longitudinal Mode	Single Longitudinal Mode (slm)		
Power Stability	<+/- 2 % over 8 hours		
Noise	<0.5 % RMS (typ 0.2%)		
Beam Diameter	approx. 1mm at output aperture		
Beam Divergence	<2mRad (collimation options available)		
Polarisation	>100:1, Vertical		
Laser Head Size	106mm long x 40mm x 40mm	135mm long x 50mm x 48mm	
Power supply	123mm wide x 112mm deep x 85mm high (inc heatsink)		
Control	Power variation via RS232		
Cooling	Head: conduction through base, 12 W. PSU: Convective air cooled		
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 60W		
*1342nm versions available upon request			