

HIGH-POWER, FREQUENCY-STABILIZED DIODE LASERS FOR RAMAN APPLICATIONS



Laser Specifications:

Wavelength Options	632.8 to 1060 nm (Standard 632.8, 670, 785, 808, 830, & 850 nm)
Linewidth	~ 1.5 cm ⁻¹ (~0.06 nm)
Beam	Multimode, vertically polarized and collimated
Power (into 100 μm Fiber)	125 to 300 mW (Depending on wavelength) (632.8 nm = 125 mW, 785 nm = 300 mW standard)
High Power Capability	> 1,500 mW (Consult Factory)
Frequency Stability	~ 0.2 cm ⁻¹ /wk
Intensity Stability	~ 0.3%/wk
No ASE Filtering (For most applications)	
Laser Warranty	Included (Consult Factory)
Case Operating Temperature	10 to 38 ^o C
Dimensions	9.25" x 2.5" x 4.25" (23 cm x 6 cm x 11 cm)
Weight	4.4 lbs. (2 kg)
Power Requirements	110 to 240 AC (12 volts DC @ 2.5 A)
Conforms to 21CFR 1040.10 & 1040.11, and CE	



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