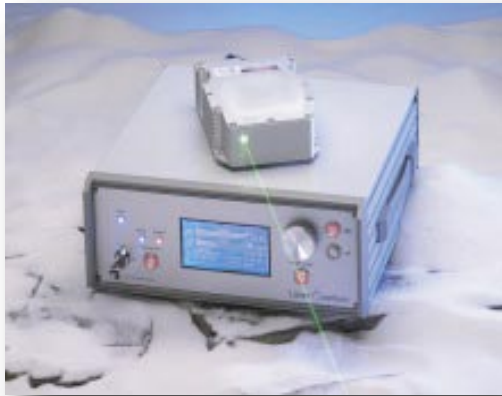


4W/6W DPSS Green Laser

Ultra Quiet and Stable 532 nm CW DPSS Green Laser

Del Mar Photonics, Inc. offers 4W/6W affordable optical pump source. A laser is fiber-fed, remarkably quiet and offers APC as standard for rock-solid stability and control. The laser generates a near-diffraction limited, highly stable beam at 532nm. It has highly sophisticated digital electronics and requires no water-cooling, making them a unique light source for both industry and research.



APPLICATIONS

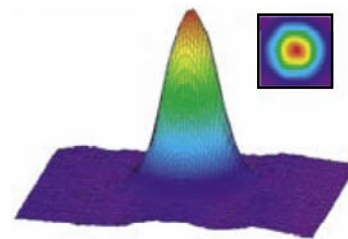
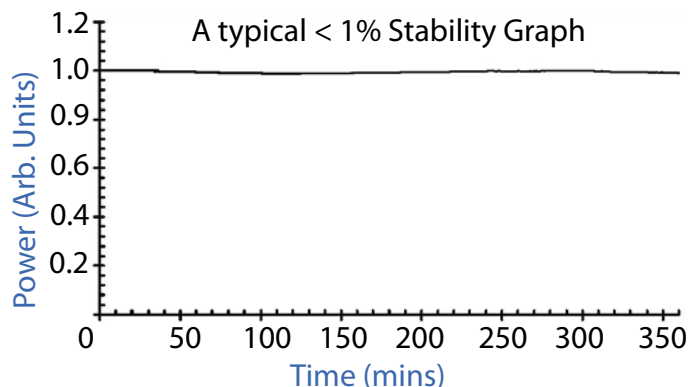
- Femto Ti:S pumping
- Ophthalmology
- Biomedicine
- Non-destructive testing
- Marking/etching
- PIV
- Optical pumping

LASER SPECIFICATIONS

Power	4W/6W
Wavelength	532 nm
Beam size	2.5 mm
Transverse mode	TEM ₀₀
Divergence	< 0.4 mrad
M ²	<1.1
Power stability (rms)	< 1.0 %
Noise (1 Hz - 6 MHz)	< 0.5 %
Polarisation ratio	100 : 1

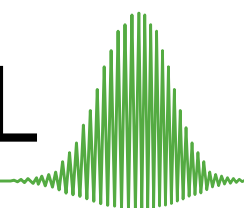
FEATURES

- Shutter control
- Fast warm-up time
- RS232 control
- Fiber-fed, field replaceable pump diode
- Power control (APC)
- Rack mounted RSU



Spatial profile: TEM₀₀

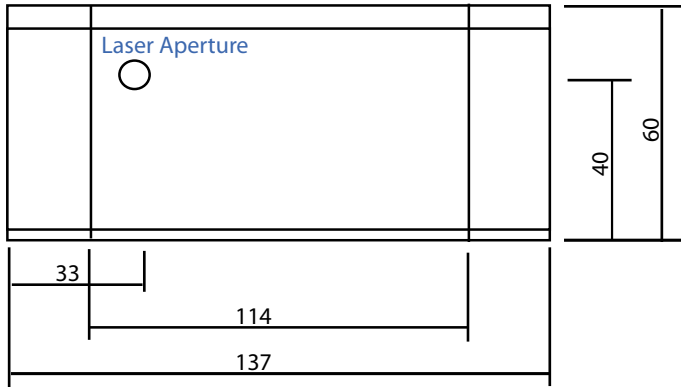
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www.dmp Photonics.com





Required clearance: 100 mm

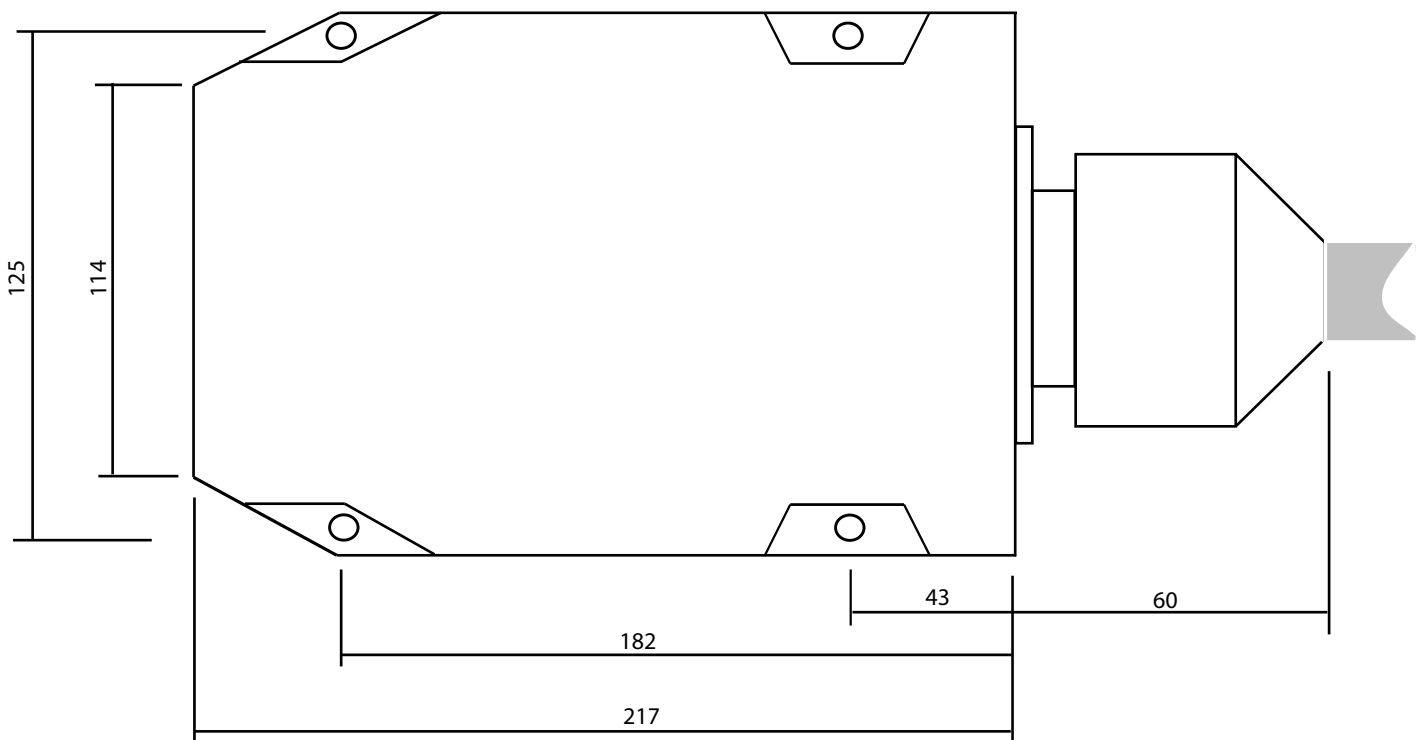
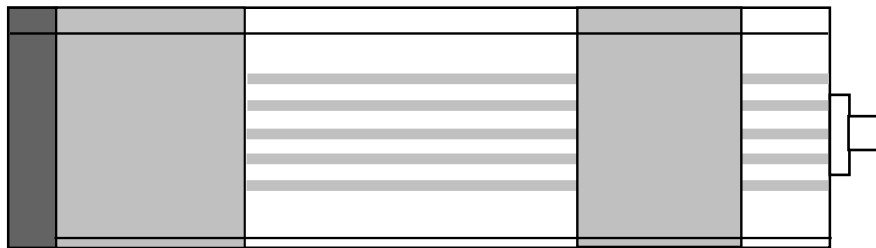
Clearance requested at rear of laser to allow for the bend radius of the laser umbilical

Weight: 1.2 kg (laser head)

PSU options: Fpu 35 (standard)

Safety classifications: class IV

Laser radiation -avoid eye or skin exposure to direct or scattered radiation



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