

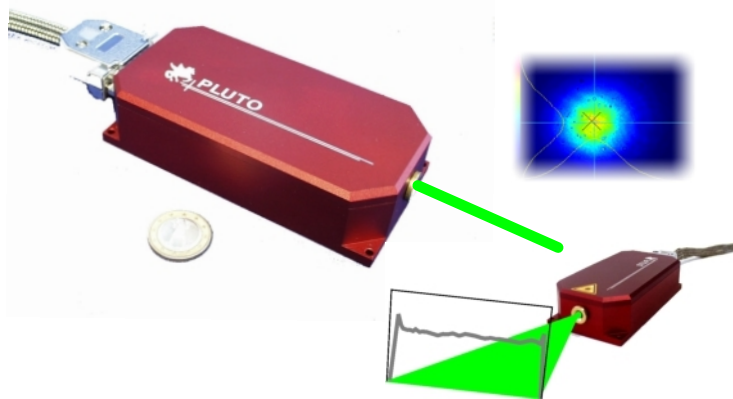
# PLUTO-F

## Low heat dissipation

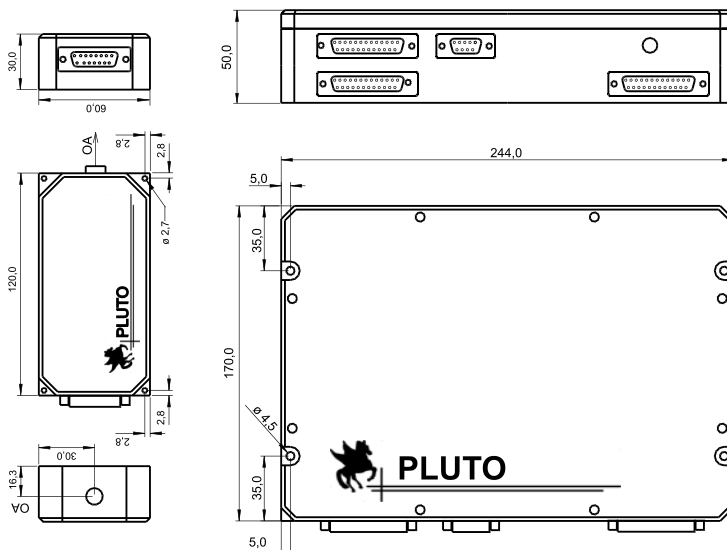
The diode pumped solid state laser system PLUTO-F is especially designed for applications, where small space and high power up to 3 W is requested. Despite high power the laser shows near TEM<sub>00</sub> beam profile with typical M<sup>2</sup> < 2.

As the pumping diode is located inside the electronics driver housing, there is only low cooling requirement for the laser head.

In "stand alone" operation the laser can be controlled by a remote control panel as option to switch on and off the laser via interlock button and to adjust output power via potentiometer.



Model	Power (mW)	Beam shape	Laser class
PL.PF532.2000	2000	Dot	4
PL.PF532.3000	3000	Dot	4
PL.PF532.2000-Lzz	2000	Line	4
PL.PF532.3000-Lzz	3000	Line	4



## 532 nm

## 2000 - 3000 mW

### Specifications

Wavelength	532 nm
Optical power	2 W, 3 W
Spatial mode	Low multimode
M <sup>2</sup>	< 2
Beam diameter	< 2 mm
Divergence	< 1 mrad
Power stability	< +/- 5 %
Polarisation	> 100:1
Modulation (via 0 - 5 V)	DC - 15 kHz (-3dB)
Power supply voltage	+24 / + 5 VDC
Laser head dimension	120 x 60 x 30 mm <sup>3</sup>
Power supply	244 x 170 x 50 mm <sup>3</sup>

### Typical applications



High speed  
Triangulation



Spectroscopy



Flow visualisation

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