



PGL-F series

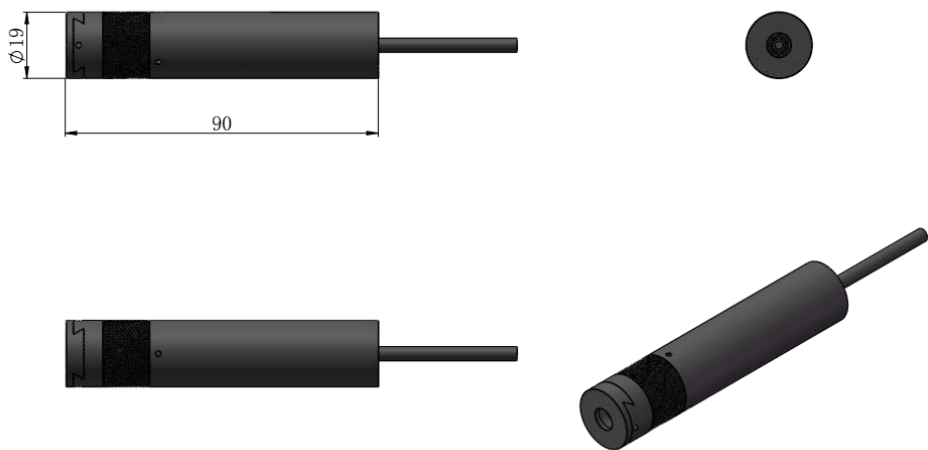


PGL-F-405~940nm is made features of small size, high stability and long lifetime in portable laser. It can be controlled by PC and the lens can be changed.

SYSTEM SPECIFICATIONS*

Wavelength	nm	405	450	488	520	637	660	685	785	830	850	940
Wavelength tolerance	nm	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10	±10
Output power	mW	50	50	20	50	50	50	50	50	50	50	50
Operating mode		CW/ PC control										
Noise of amplitude	rms	<1%, 0.5%										
Modulation frequency	kHz	0.1-50										
Pointing stability	mrad°C	<0.05										
Warm-up time	minutes	<5										
Operating temperature	°C	10~35										
Power supply		USB 5V±0.5V 1A										
Expected lifetime	hours	10000										
Warranty	years	1										

Dimensions of Laser (Φ19×90mm²)



*All testing data under the conditions of temperature 25°C.



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Software control interface:

Laser Control

Serial Port

Port: COM3

Refresh

Disconnect

Power: 100 %

Set

Frequency: 50000 Hz

Set

Laser On

Laser Off

Cw Mode

TTL Mode