

Temperature Stabilized MM Fiber Output High Power LD Light Source FOLS-03



FOLS-03 is MM fiber output LD light source with 105um MM output fiber, LD chip, TEC, driving circuit and power supply. 375nm ~ 1060nm wavelength region can be selected for each application.

Output power is 15mW ~ 100mW CW.

Pulse emission is achieved with external TTL trigger input.

LD module inside is temperature controlled for stable power and wavelength operation.

Property

- Fiber output for easy use
- Ultra-violet, visible and infra-red
- 15mW~100mW high power output
- Stable power and wavelength operation
- Pulse emission with external TTL trigger input

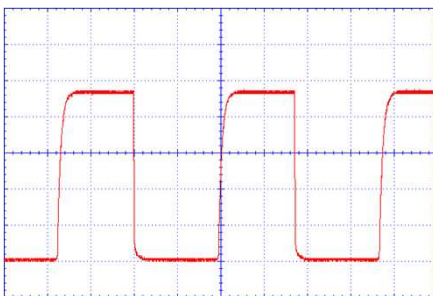
Application

- Exciting source for fluorescence experiment
- Evaluation of PD, PMT, fiber, optical components
- Alignment of Optical system
- Spectral analysis
- Optical sensing

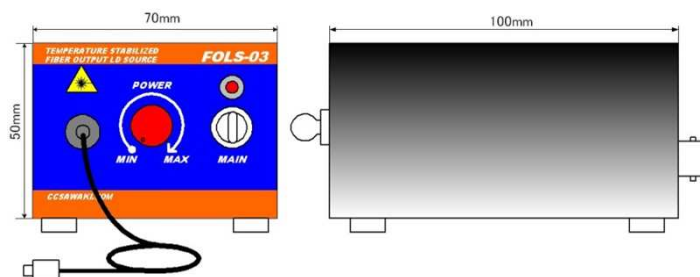
Specifications

peak wavelength(nm)	375	405	445	473	488	532	635	660	785	850	980	1060
tolerance(nm)	±5	±5	±5	±5	±5	±1	±10	±10	±10	±10	±10	±10
maximum output power(mW)	100	80	40	15	50	15	70	70	70	70	70	100
power stability(%)	±2	±2	±2	±2	±2	±5	±2	±2	±2	±2	±2	±2
fiber	SI105/125um NA0.22 length<1m											
device	MM fiber coupled FP-LD (532nm:DPSS)											
output connector	FC/PC											
driving and control	ACC and temperature control (532nm:APC and temperature control)											
pulse mode	TTL input(high-on) maximum repetition>1kHz except 532nm											
power supply	AC100-240V 50/60Hz 0.42A											
dimension(mm)	60(W)x50(H)x120(D) /400g											

Pulse emission (repetition 1kHz)



External Dimension



LASER Safety Label

