

TTL triggered fiber output pulsed LD source : FOLS-07



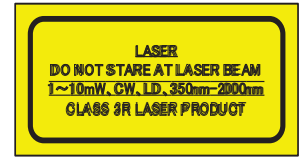
FOLS-7 is a fiber output pulsed LD source controlled with external TTL.
 375nm ~ 1620nm wavelength region can be selected for each application.
 Output peak power is 1mW ~ 100mW (depending on LD and fiber).
 LD module inside is temperature stabilized for stable power and wavelength emission.

FEATURE

- Easy handling with fiber output
- Pulse emission with external TTL trigger
- Max repetition rate 1MHz
- Wavelength region 375nm~1620nm
- Stable power and wavelength emission

APPLICATIONS

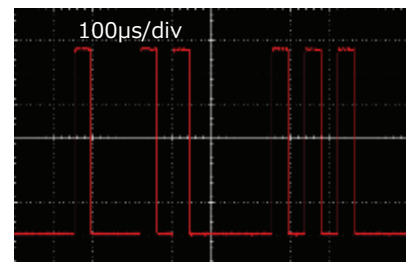
- Exciting source for fluorescence experiment
- Lock-in measurement
- Digital pattern emission
- Spectral analysis
- Evaluation of photo-detector



SPECIFICATIONS

color	UV	blue	green	red	NIR	IR
peak wavelength(nm)	375	405,450, 473,488	520	640,660	785,808, 850,980, 1064	1310,1550, 1620
spectral tolerance(nm)	±10					
max output power	1mW~100mW (depending on LD and fiber)					
fiber	SM fiber or SI100MM fiber, length~1m, FC connector output					
repetition	max 1MHz and DC					
rise time	~500ns					
Trigger	External TTL Trigger input (active high) max 1MHz min pulse width~500ns					
power supply / dimension	AC100-240V 50/60Hz 0.3A 100(W)x50(H)x125(D)mm/450g					

OUTPUT OPTICAL PULSE



Fiber output optical pulse generator : FOLS-08



FOLS-08 is a fiber output pulsed optical generator controlled with internal pulse driver.
 Any pulse width and repetition can be set with front panel operation.

LED, LD and SLD of 375nm ~ 1770nm wavelength is selectable for each application.

LD and SLD module inside are temperature stabilized for stable power and wavelength emission.

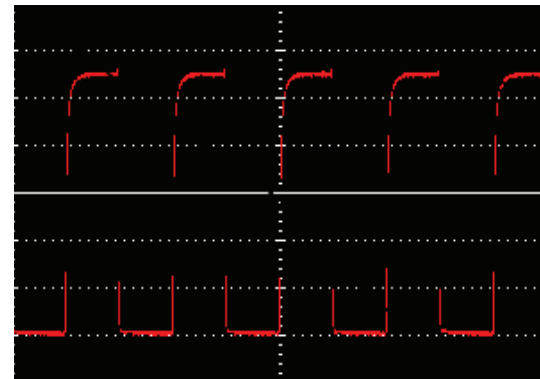
FEATURE

- Easy handling with fiber output
- Pulse operation with internal pulse driver
- Min cycle 1µs
- Min pulse width 500ns
- LED, LD and SLD is selectable
- UV, VIS, IR

APPLICATIONS

- Exciting source for fluorescence experiment
- Lock-in measurement
- Spectral analysis
- Evaluation of photo-detector

PULSE EMISSION



Pulse width 5µs, repetition 100kHz

SPECIFICATIONS

device	LED	LD	SLD
peak wavelength(nm)	365,385,405,449,465,503,520,597,624,640,660, 675,760,780,810,860,950,white	375,405,445,473,488,520,640,660,785,808,850,980,1064,1310,1550,1620	680,785,830,1050,1310,1540
spectral tolerance(nm)	±20	±5~±20	±20
max peak power(mW)	1~30	1~100	1
fiber	MM fiber 600µm core or 200µm core, NA=0.48, length~1m, FC connector output	SM fiber or SI100/125MM fiber, length~1m, FC/PC connector output	SM fiber, length~1m, FC/APC connector output
repetition	1µs~1s and DC		
pulse width	min 500ns		
external trigger mode	TTL trigger input(active high), max rep rate 1MHz		
power supply / dimension	AC100-240V 50/60Hz 0.3A 2008W)x50(H)x125(D)mm/700g		