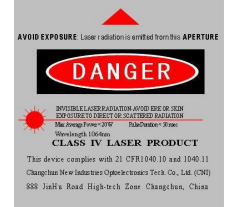


**PS-M-1064/5W/20W/40W@1MHz**

**MODE-LOCKED PICOSECOND  
PULSED LASER AT 1064nm**

Mode-locked picosecond pulsed laser at 1064nm is made features of short pulse duration, high repetition rate and high average power, which is used industrial processing, physics experiment, etc.



**SPECIFICATIONS**

Central wavelength	1064 ± 1nm		
Average power	5W (5W@1MHz)	20W (20W@1MHz)	40W (40W@1MHz)
Single pulse energy	5μJ(5μJ @1MHz)	20μJ(20μJ @1MHz)	40μJ(40μJ @1MHz)
Rep. rate	100kHz-1MHz	100kHz-1MHz	100kHz-1MHz
Pulse duration	~10ps@1MHz,5W	~10ps@1MHz,20W	~10ps@1MHz,40W
Peak power	500kW@1MHz	2MW@1MHz	4MW@1MHz
Operating mode	Mode-locked		
Ave power stability	<3% (over 4 hours)		
Warm-up time	<10minutes		
Beam divergence, full angle	<1.5mrad		
Beam diameter at the aperture (1/e <sup>2</sup> )	~3mm		
M <sup>2</sup> factor	<1.3		
Cooled method	Water cooled		
Operating temperature	20~30 °C		
Power supply (220/110VAC)	On request		
Expected lifetime	10000 hours		
Warranty period	1 year		

**Kokyo**

株式会社光響

Email : [info@symphotony.com](mailto:info@symphotony.com)

Web : <https://www.symphotony.com/>