

EO-W-1064 /1~900uJ/1~1800mW

LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER

All solid state EOM Q-switched laser at 1064 nm has the features of high peak power, low repetition rate, and short pulse duration, which is widely used in medical and industrial use.



SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Q-switched: EOM (Electro-optic modulation)	
Output power (mW)	900@1kHz	1800@2kHz
Single pulse energy (μJ)	1~900	
Pulse duration (ns)	~8	
Peak power (kW)	>100	
Rep. rate (Hz)	1~2000, adjustable	
Ave power stability (over 4 hours)	<5%, <10%	
Warm-up time (minutes)	<10	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	93.5	
Cooled method	Air cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-EOM	
Expected lifetime (hours)	10000	
Warranty period	1 year	
Pilot light (optional)	5mW @650nm	

