



MSL-AO-1064/1~200uJ

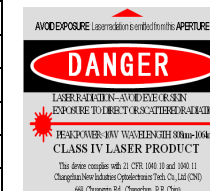
**SINGLE LONGITUDINAL MODE  
PULSED GREEN LASER  
AT 1064 nm**

All solid state single frequency pulsed laser at 1064nm is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



**SPECIFICATIONS**

Wavelength (nm)	1064±1
Operating mode	Acousto-Optic Q-switched
Single pulse energy (μJ)	1~200
Longitudinal mode	Single
Pulse duration (ns)	<25
Peak power (kW)	1~8
Rep. rate (Hz)	1~1000
Polarization ratio	>100:1
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2
Beam height from base plate (mm)	59
Warm-up time (minutes)	<20
Cooled method	Water Cooled
Operating temperature (°C)	20~30
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



MSL-AO-1064	PSU-AOM(3U)	Water Chiller(WCH-400)
<p>432(L) × 218(W) × 82(H) mm<sup>3</sup>, 9kg</p>	<p>483.5 (L) × 454 (W) × 147.5 (H) mm<sup>3</sup>, 8.3 kg</p>	<p>587.5(L) × 482(W) × 187.5(H) mm<sup>3</sup>, 17 kg</p>