



MSL-AO-1064/1~200uJ

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


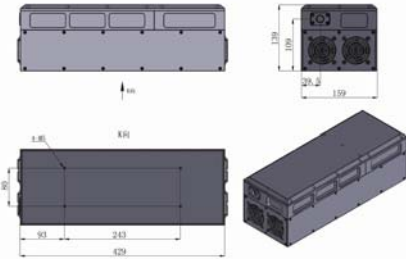
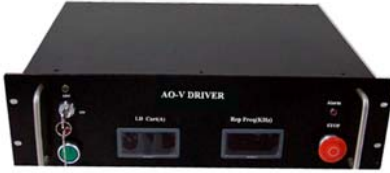
All solid state single frequency pulsed laser at 1064nm is made features of high power, long lifetime and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	1064
Operating mode	AO 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, a fixed value
Polarization ratio	> 100:1
Pointing stability after warm-up (mrad)	<0.05
Transverse mode	TEM ₀₀
M ² factor	<1.2
Ave power stability (over 4 hours)	<5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (mm)	~2
Beam height from base plate (mm)	109
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-AOM



MSL-AO-1064	Dimension	PSU-AOM(3U)	Dimension
 <p>429(L) × 159(W) × 139(H) mm³</p>		 <p>485(L) × 381(W) × 133 (H) mm³, 12.4 kg</p>	