

AO-N-3800/1~5uJ/1~50mW

**LD PUMPED ALL-SOLID-STATE
AOM Q-SWITCHED LASER
AT 3800 nm**


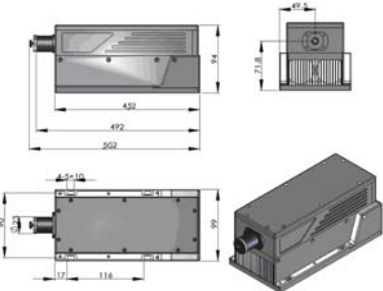

All solid state AOM Q-switched laser at 3800 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	3800±20
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)
Output power(mW)	1-50
Single pulse energy (μJ)	1~5@10KHz
Pulse duration (ns)	15@10KHz
Peak power (kW)	0.3
Rep. rate (kHz)	1~50
Ave power stability (over 4 hours)	<5%, <10%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	68.2
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	PSU-AOM
Expected lifetime (hours)	10000
Warranty period	1 year



AO-N-3800	Dimensions	PSU-AOM	Dimensions
 <p style="text-align: center;">502(L)×99(W) ×94(H) mm³, 3.3 kg</p>		 <p style="text-align: center;">334(L) ×300(W) ×123 (H) mm³, 6.2kg</p>	