

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

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


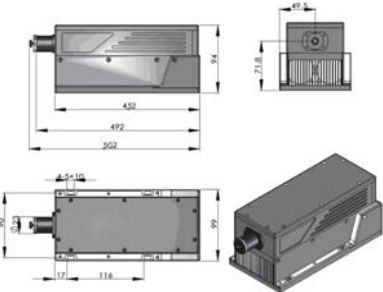

All solid state AOM Q-switched laser at 3800 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in scientific research and so on.



#### 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>502(L)×99(W) ×94(H) mm<sup>3</sup>, 3.3 kg</p>		 <p>334(L) ×300(W) ×123 (H) mm<sup>3</sup>, 6.2kg</p>	