

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

AO-Z-3800 /1~50uJ/1~1000mW

SPECIFICATIONS

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

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 marking on harder metals such as Titanium, Inconel, or Tool Steel.



Wavelength (nm)	3800±20	
Operating mode	Q-switch: AOM (Acousto-Optic Modulation)	
Output power(mW)	1~1000	
Single pulse energy (µJ)	1~50@20KHz	
Pulse duration (ns)	25@20kHz	Sull.
Peak power (kW)	~2	
Rep. rate (kHz)	1~50	- Miles
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	AVOD EXPOSURE Laser revisions antiled from this APERTURE
Beam height from base plate (mm)	96	
Cooled method	Air cooled	
Operating temperature (°C)	10~35	LASER RADIATION-ANOID EYE OR SKIN
Power supply (220/110VAC)	PSU-AOM(3U)	ENCOMENTATION PEACEON WANTERSTREAD AND A COMMING
Expected lifetime (hours)	10000	CLASS IV LASER PRODUCT
Warranty period	1 year	This device complex with 21 CFR.1000.10 and 1040.11 Changchin New Industries Optidetonics Tech. Or, Ltd. (CNI) 668 Changchin R.A., Changchina, P.R. Chan

