

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

AO-W-1030/0.13~1mJ/1~1300mW

SPECIFICATIONS

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

All solid state AOM Q-switched laser at 1030 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in laser radar ranging, spectrometry, remote sensing, and so on.



Wavelength (nm)	1030±1		
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)		
Output power (W)	1	1.3	N.L.C
Single pulse energy (mJ)	1	0.13	
Pulse duration (ns)	~20	~50	
Peak power (kW)	50	26	
Rep. rate (kHz)	1	10	
Ave power stability (over 4 hours)	<5%		
Warm-up time (minutes)	<10		AVCOEPOSFE Las status entration of APPTICE
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~4.0		
Beam height from base plate (mm)	93.5		
Cooled method	Air cooled		
Operating temperature (°C)	15~35	CLASS IV LASER PRODUCT	
Power supply (220/110VAC)	PSU-AOM	That device compliance with 21 CFR 1140 10 and 1040 11 Complian New Industries Optimicitization Tech. Co., Lai (CNI) 600 Commits R.G. Comechina, P.R. Chan	
Expected lifetime (hours)	10000	991 Changini Ka, Chingina, P.K. Chin	
Warranty period	1 year		

AO-W-1030	Dimensions	PSU-AOM	Dimensions
نام المراج 333(L)×140(W) ×125(H) mm³, 6.0 kg		334(L) ×300(W) ×123 (H) mm³, 6.88 kg	