

PDF DATA SHEET EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

AO-W-1573/1~30uJ/1~1000mW

SPECIFICATIONS

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

All solid state AOM Q-switched laser at 1573 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.



avelength (nm) 1573±1 Derating mode Q-switched: AOM (Acousto-Optic Modulation)		
Output power @Q-switched mode	1~1000mW@30kHz, typical	N.L.C
ngle pulse energy (µJ) 1~30		
Pulse duration (ns)	~10	
Peak power (kW)	1-30	
Rep. rate (kHz)	1~50, 1~100, 1~200, optional	
Ave power stability (over 4 hours)	<5%	
Warm-up time (minutes)	<10	AVODDPOSIFE Laurakinnenkalmalte APERUFE
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~4.0	DANGER
Beam height from base plate (mm)	93.5	LAFE RETERIN-AUD ÉLECERIN LERORE TO HE TORCHIER RETERING HENTOME AW WARDSTEIN
Cooled method	Air cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-AOM	The drains conglist with 21 CFR 1040 10 and 1040 11 Chargina Nowindatein Opticietusan Tech Co. Life (SNI) 640 Charactist R-L. Congelia, P. R. Char
Expected lifetime (hours)	10000	999 Changina Ma, Canginan, P.K. Chan
Warranty period	1 year	

AO-W-1573	Dimensions	PSU-AOM	Dimensions
نام المراب 333(L)×140(W) ×125(H) mm³, 6.0 kg		334(L) ×300(W) ×123 (H) mm³, 6.88 kg	