

LD PUMPED ALL-SOLID-STATE **Q-SWITCHED LASER at 1202nm**

All solid state Q-switched laser at 1202nm has the

features of ultra compact, easy operating, which is widely used in micro-electronics, metrology and

material processing ,laser medical treatment, scientific

Changchun New Industries Optoelectronics Tech, Co., Ltd,

DATA SHEET

AO-K-1202/10~700mW

experiment, etc

SPECIFICATIONS

Central wavelength (nm)	1202 ± 2	
Operating mode	Acousto-Optic Q-switched	
Average power (mW)	10~700	
Rep. rate (kHz)	10	
Pulse duration (ns)	<25	
Single pulse energy (µJ)	70	
Peak power(KW)	2.8	
Beam diameter at the aperture (1/e2,mm)	<3	
Beam divergence, full angle (mrad)	<2	AVOID EXPOSURE Laser radiation is emitted from this AF
Power stability (rms, over 4 hours)	<3%, <5%	LASER RADATION-AVOID EYE SKIN EXER RADATION-AVOID EYE SKIN EXERCISE TO DIRECT OR SCATTERED RADAT PEAKPOWER-600nt W MAVELENGTH 1000-200 CLASS IV LASER PRODUC This device complies with 2 CPR10410 and 104 CKaagdaa Yow ladatrin Optoelerwaic TeckCe, Lu 888 Jaine diffy-to-CZ acce Longetus, Clina 888 Jaine diffy-to-CZ acce Longetus, Clina
Beam height from base plate (mm)	120	
Warm-up time (minutes)	<10	
Power supply	PSU-AOM (3U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	

