

OEM-AO-2120/1~3W

**LD PUMPED ALL-SOLID-STATE
INFRARED LASER AT 2120nm**

All solid state AOM Q-switched laser at 2120nm infrared laser is made features of high peak power, good beam quality and easy operating, which is widely used in material processing especially for plastics and for pumping of laser sources for the mid infrared region, medical procedures such as precise tissue ablation, ophthalmic surgery or dentistry, suppresses the bleeding during operations, etc.



SPECIFICATIONS

Wavelength (nm)	2120±2
Operating mode	Acousto-Optic Q-switched
Output power (W)	1~3
Pulse duration(ns)	~60@10kHz&3W
Rep.rate (kHz)	10
Single pulse energy (μJ)	100~300
Peak power (kW)	5
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e ² ,mm)	<4
Power stability (rms, over 4 hours)	<3%, <5%
Beam height from base plate (mm)	40
Warm-up time (minutes)	<10
Operating temperature (°C)	10~30
Power supply	PSU-MIR (3U)
Expected lifetime (hours)	10000
Warranty period	1 year



OEM-AO-2120	PSU-MIR (3U)	Water Cooling Plate (optional)	Water Chiller (WCH-1600) (optional)
<p>256(L)×196(W)×66(H) mm³, 3kg</p>	<p>560 (L) ×482(W) ×133 (H) mm³, 22 kg</p>	<p>205 (L)×241(W) ×25(H) mm³, 1.5kg</p>	<p>434 (L)×678(W)×749(H) mm³, 75kg</p>