



AO-T-1064 /1~700μJ/1~7W

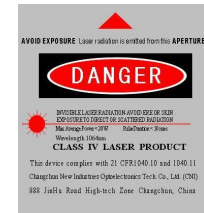


**LD PUMPED ALL-SOLID-STATE
AOM Q-SWITCHED LASER**

All solid state AOM Q-switched laser AO-T-1064 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.

SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Acousto-Optic Q-switched
Average power (W)	1~7W (7W@10kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	1~700(700μJ @10kHz)
Rep. rate (kHz)	1~100
Pulse duration (ns)	~35 @10kHz (optional)
Peak power (kW)	1~20 @(20kW@10kHz)
M ² factor	<1.1
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² , mm)	~1
Polarization ratio	>100:1, Horizontal
Beam height from base plate (mm)	109.75
Warm-up time (minutes)	<10
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	PSU-AOM



AO-T-1064	PSU-AOM
<p>488 (L) × 190 (W) × 145 (H) mm³, 16.0kg</p>	<p>391 (L) × 248 (W) × 135 (H) mm³, 6.0 kg</p>