



AO-U-262 1~250mW

## LD PUMPED ALL-SOLID-STATE ACOUSTO-OPTIC Q-SWITCHED LASER

All solid state AOM Q-switched laser at 262nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.



### SPECIFICATIONS

Wavelength (nm)	262±1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	250mW @3kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	>80
Rep. rate (kHz)	1~10
Pulse width (ns)	<15 @3kHz
Peak power (kW)	~5 @3kHz
Ave power stability (over 4 hours)	<3%
Beam divergence, full angle (mrad)	<6*2
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2*1
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	10~35

