

AO-W-355 /1~100uJ/~1W

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

All solid state AOM Q-switched laser at 355 nm 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)	355±1
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)
Average power (W)	~1W@10kHz, typical Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy(uJ)	1~100 (100uJ @5kHz; 50uJ @10kHz)
Pulse duration (ns)	Typically ~10 @<10kHz, varies from power and repetition.
Peak power (kW)	1~10
Rep. rate (kHz)	1~50
Ave power stability (over 4 hours)	<5%, <10%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~2.0
Beam height from base plate (mm)	93.5
Cooled method	Air cooled
Operating temperature (°C)	15~30
Power supply (220/110VAC)	PSU-AOM
Expected lifetime (hours)	5000
Warranty period	1 year



AO-W-355	PSU-AOM
<p style="text-align: center;">404 (L) ×140(W) ×125(H) mm³, 6.0kg</p>	<p style="text-align: center;">334(L) ×300(W) ×123 (H) mm³, 6.88kg</p>