

**AO-V-355 /1~150uJ/1~3W**

**LD PUMPED ALL-SOLID-STATE  
AOM Q-SWITCHED LASER at  
355NM**


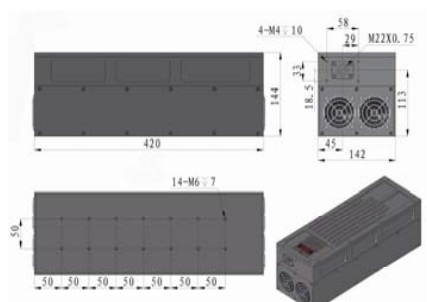

All solid state AOM Q-switched laser at 355 nm has the features of high peak power, high repetition rate, and short pulse duration, which is used in scientific research, biology, instrumentation, 3D marking, laser marking, sub-surface engraving and so on.



**SPECIFICATIONS**

Wavelength (nm)	355±1	
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)	
Output power (W)	1.0, 1.5, 2.0, 2.5, 3.0 @20KHz	
Single pulse energy (μJ)	1~150uJ@20KHz	
Pulse width (ns)	15ns@20KHz,	30ns@40KHz
Rep. rate (kHz)	10~100, adjustable by external control	
Ave power stability (over 4 hours)	<3%, <5%, <10%	
Transverse mode	TEM00	
M2 factor	<1.3	
Roundness	>90%	
Warm-up time (minutes)	<10	
Beam divergence, full angle (mrad)	<1	
Beam diameter at the aperture (mm)	<1.0	
Beam height from base plate (mm)	113	
Polarization ratio and Direction	>100:1, Horizontal	
Cooled method	Air cooled	
Operating temperature (°C)	20~35	
Power supply (220/110VAC)	PSU-AOM(3U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	



AO-V-355	Dimensions	PSU-AOM(3U)	Dimensions
 <p>420(L)×142(W)×144(H) mm<sup>3</sup>, 10.2 kg</p>		 <p>485(L)×381(W)×133(H) mm<sup>3</sup>, 12.4 kg</p>	