

## LD PUMPED ALL-SOLID-STATE ACOUSTO-OPTIC Q-SWITCHED LASER AT 349 nm

AO-V-349/1~267μJ/1~800mW



### 产品描述

All solid state AOM Q-switched UV laser at 349 nm has the features of high peak power, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

### 产品参数

AO-V-349/1~267μJ/1~800mW	
Wavelength (nm)	349±1
Operating mode	Acousto-Optics Q-switched
Average power (W)	1~800mW (800mW@3kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	1~267( 267μJ @3kHz)
Rep. rate (kHz)	3-10
Pulse duration (ns)	~10 @3kHz, varies from power and repetition.
Peak power (kW)	1~26.7 (26.7kW@3kHz)
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	113
Cooled method	Air cooled
Operating temperature(°C)	10~35
Power supply (220/110VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year

