

**AO-W-946 /1uJ~150uJ/1~1500mW**

### SPECIFICATIONS


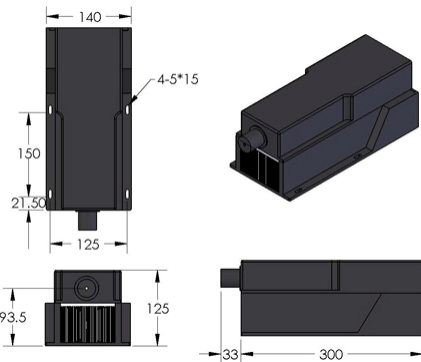

### LD PUMPED ALL-SOLID-STATE AOM Q-SWITCHED LASER

All solid state AOM Q-switched laser at 946 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.



Wavelength (nm)	946±1
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)
Output power	1~1500mW
Single pulse energy (μJ)	1~50
Pulse duration (ns)	~30@10kHz
Peak power (kW)	~3
Rep. rate (kHz)	1~50, adjustable by external control
Ave power stability (over 4 hours)	<1%, <3%, <5%, <10%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	93.5
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



AO-W-946	Dimensions	PSU-AOM(3U)	Dimensions
 <p>333(L)×140(W)×125(H) mm<sup>3</sup>, 6.0 kg</p>		 <p>485(L) ×381(W) ×133(H) mm<sup>3</sup>, 12.4 kg</p>	