

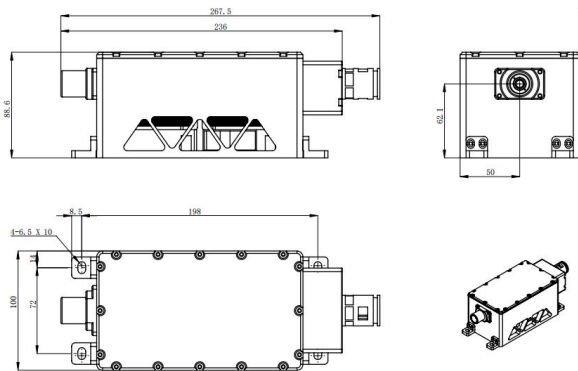
AO-V-671/3.5W-4W/200-350uJ


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

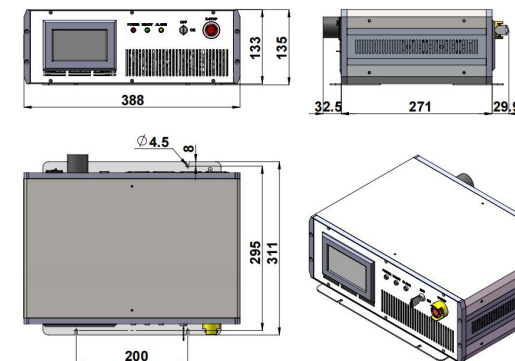
All solid state AOM Q-switched laser at 671nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.


SPECIFICATIONS

Wavelength (nm)	671±1	
Operating mode	Actively	
Average power(W)	3.5@10kHz	4@20kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	
Single pulse energy (μJ)	>350@10kHz	>200@20kHz
Rep. rate ¹	1-100kHz	
Pulse duration (ns) ²	~20 @10kHz	~25@20kHz
Peak power (kW)	~15@10kHz	~10@20kHz
Ave power stability (over 4 hours)	<3%,2%,<1%	
Beam divergence, full angle (mrad)	<2.5	
Beam diameter at the aperture (1/e ² , mm)	~1.0	
Beam height from base plate (mm)	62.1	
Warm-up time (minutes)	<10	
Cooled method	Air cooled	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-AOM	


LASER HEAD


267.5(L) × 100 (W) × 88.6 (H) mm³

POWER SUPPLY (PSU-AOM)


388 (L) × 311 (W) × 135 (H) mm³, 9.6 kg

1 Other rep.rate range available on request.

2 Pulse width not tunable, the value varies with different frequency.

Website: www.precisometer.com E-mail: info@precisometer.com