

AO-V-473 /1~50μJ/1~500mW



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

All solid state AOM Q-switched laser at 473 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.

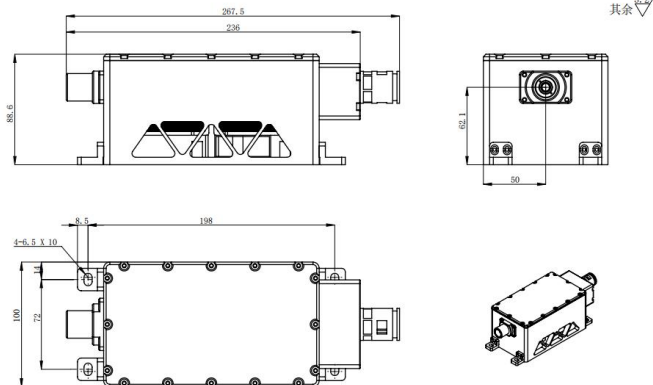


SPECIFICATIONS

Wavelength (nm)	473±1
Operating mode	Acousto-Optic Q-switched
Average power (mW)	1~500mW
Single pulse energy (μJ)	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Rep. rate (kHz)	1~50(50μJ @1kHz; 50μJ @10kHz)
Pulse duration (ns)	1~10
Peak power (kW)	80ns@1kHz; 200ns@10kHz
Ave power stability (over 4 hours)	0.5kW@1kHz; 0.25kW@10kHz
Beam divergence, full angle (mrad)	<5%, <3%,
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<5
Beam height from base plate (mm)	~1.5
Warm-up time (minutes)	62.1
Cooled method	<10
Operating temperature (°C)	Air cooled
Power supply (220/110VAC)	10~35
	PSU-AOM

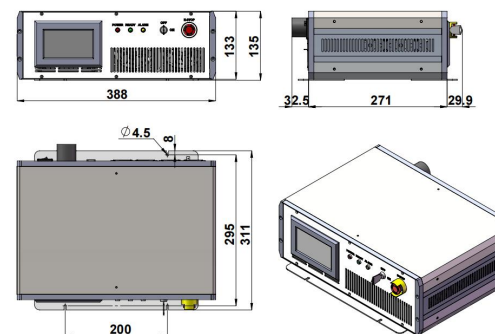


AO-V-473



267.5(L) × 100 (W) × 88.6 (H) mm<sup>3</sup>

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388 (L) × 311 (W) × 135(H) mm<sup>3</sup>, 9.6 kg