

EO-XS-305/1-10mW

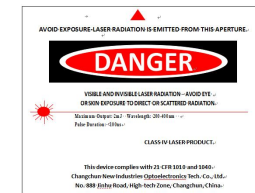
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 305 nm

All solid state EOM Q-switched laser at 305 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.

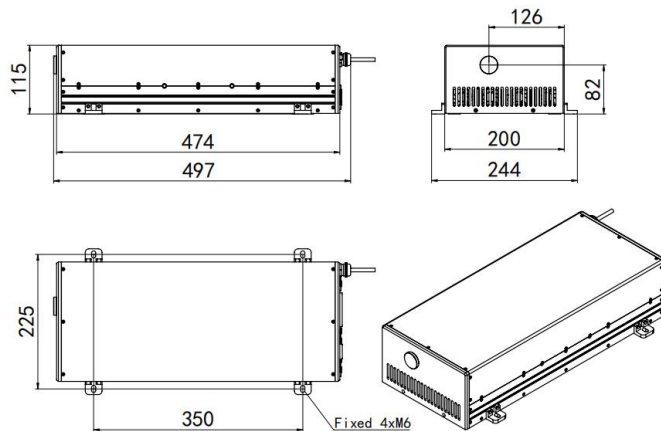


SPECIFICATIONS

Wavelength (nm)	305±2
Operating mode	Actively
Average power (W) ¹	1-10
Single pulse energy (μJ)	0.1-1
Rep. rate (kHz)	10
Pulse duration (ns)	~3
Peak power (kW)	0.1-1
Power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture (1/e2,mm)	<5
Beam height from base plate (mm)	82
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)

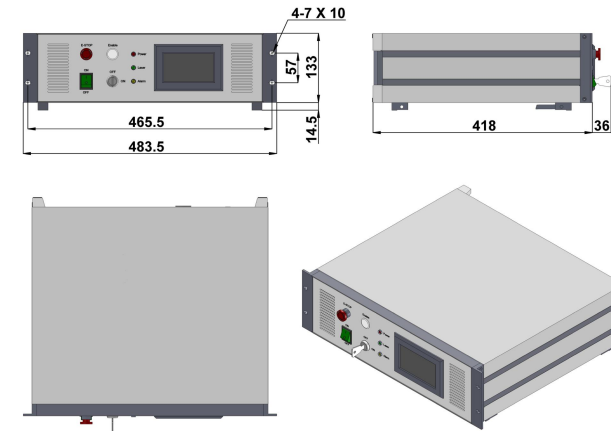


LASER HEAD



497 (L)×244 (W)×115(H) mm³, 8kg

POWER SUPPLY



483.5 (L)×454 (W)×147.5 (H) mm³, 8.3 kg

¹ Any power level can be selected in this range.