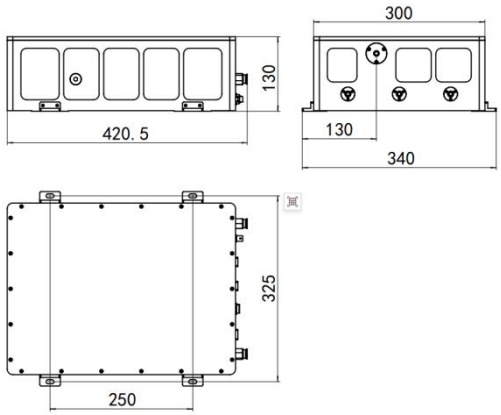
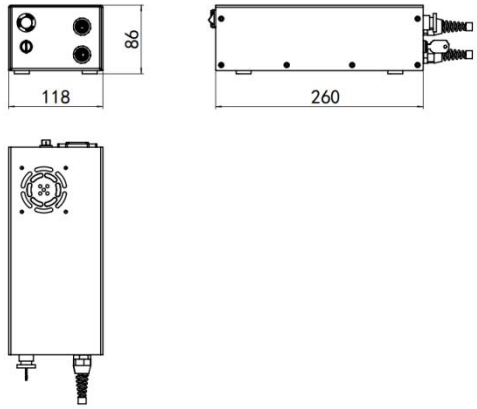
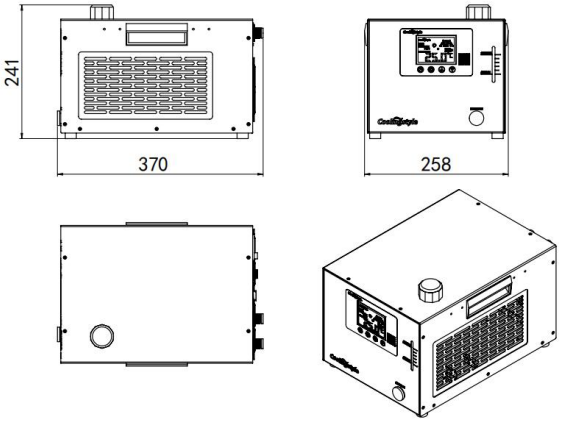
AO-Ti-360/1-800mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER at 360nm

All solid state Q-switched violet blue laser at 360nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.

SPECIFICATIONS

Wavelength (nm)	360±2	
Operating mode	Actively	
Rep. rate (kHz) [1]	30	50
Average power (mW) [2]	1-700	1-800
Pulse duration (ns)	~25	~40
Single pulse energy (uJ)	1-23	1-16
Ave power stability (rms, 4 hours±3℃)	<3%, 2%, (<1% optional)	
Beam diameter at the aperture (1/e^2,mm)	~2	
Beam divergence, full angle (mrad)	<2	
Polarization ratio	>100:1Vertical	
Beam height from base plate (mm)	107	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled	
Operating temperature (℃)	15-35	
Power supply (100-240VAC)	12V/26A	
Expected lifetime (hours)	>10000	

LASER HEAD (DRIVER Integrated)	POWER SUPPLY(100-240VAC) optional	WATER CHILLER
		
420.5 (L) ×340 (W) ×130 (H) mm^3, 21 kg	**260 (L) ×118 (W) ×86 (H) mm^3, 3.5 kg**	**370 (L) ×258 (W) ×241 (H) mm^3,12kg**

1 No adjustable frequency, just two options.

2 One fixed value between 1-700mW or 1-800mW.