

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	Acousto-Optic Q-switched	
Rep. rate (kHz)	30	50
Average power (mW)	1,2,3,...700	
Pulse duration (ns)	~25 @30kHz&700mW	~40 @50kHz&800mW
Single pulse energy (uJ)	23@30kHz	16@50kHz
Ave power stability (over 4 hours)	<3%, <1%	
Beam diameter at the aperture (1/e ² ,mm)	2	
Beam divergence, full angle (mrad)	<2	
Polarization ratio	>100:1(vertical)	
Beam height from base plate (mm)	132	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-AOM (3U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	



AO-Ti-360	PSU-AOM (3U)	Water chiller(WCH-580)
<p>544 (L) × 300 (W) × 163 (H) mm³, 20kg</p>	<p>483.5 (L) × 454 (W) × 147.5 (H) mm³, 8.3 kg</p>	<p>370(L) × 258 (W) × 240.6(H) mm³, 8.3 kg</p>