

AO-DF-496/1~400mW

WATER COOLING LD PUMPED ALL-SOLID-STATE Q-SWITCHED BLUE LASER at 496nm

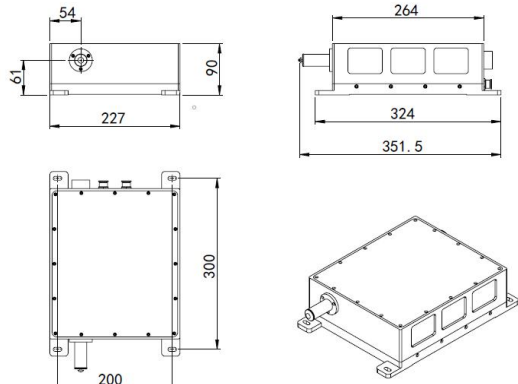
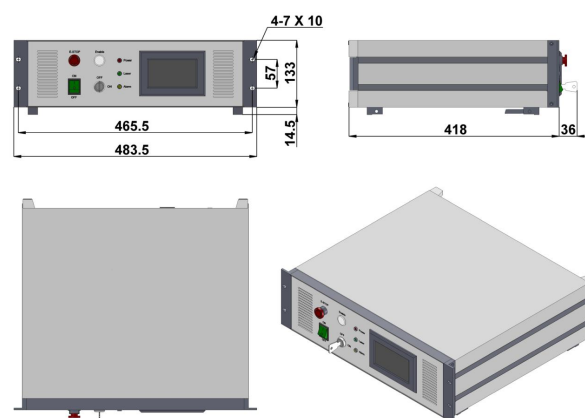
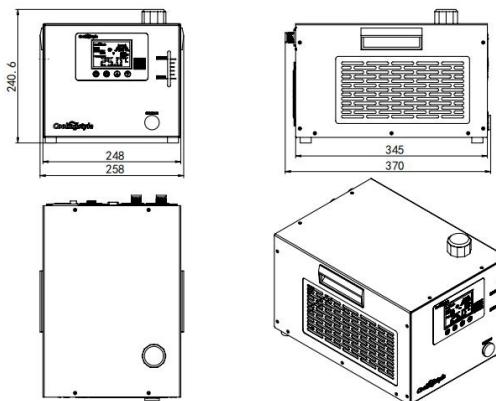
All solid state Q-switched blue laser at 496nm has the features of ultra compact, long lifetime and easy operating, which is used in communication, medical treatment, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	496 ± 1
Operating mode	Acousto-Optic Q-switched
Rep.rate (kHz)	4
Average power (mW)	1-400@4kHz
Pulse duration (ns)	~20@4kHz&400mW
Single pulse energy (μJ)	1-100
Peak power(W)	50-500
Power stability (rms, over 4 hours)	<5% , <3%
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture (mm)	~5
Beam height from base plate (mm)	61
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



AO-DF-496	PSU-AOM(3U)	Water Chiller(WCH580)
 351.5(L)×227(W)×90(H) mm³, 10kg	 483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg	 370(L)×258(W)×240(H) mm³, 9.5 kg

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