

TUN-TiA-770-840/1~2500mW

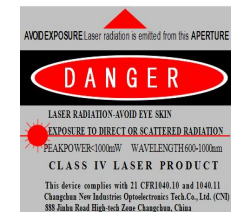
SPECIFICATIONS

**AIR COOLING LD PUMPED  
ALL-SOLID-STATE Q-SWITCHED  
RED LASER at 770-840nm**

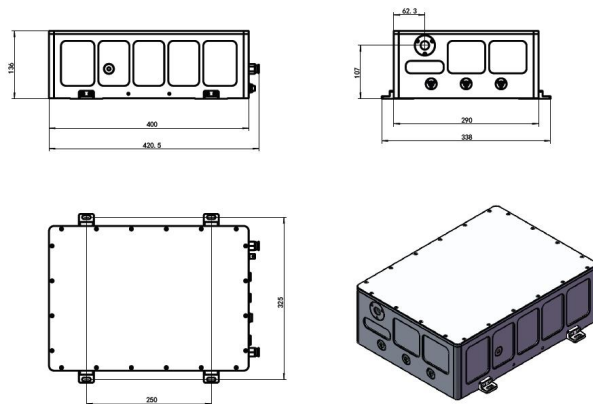
All solid state Q-switched red laser at 770~840nm tunable wavelength, has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, military, and so on.



Wavelength (nm)	770-840	
Operating mode	Acousto-Optic Q-switched	
Average power (mW)	1~1300@50KHz	1300~2500@50kHz&810nm
Pulse duration (ns)	<40 @50KHz&1300mW	
Rep. rate (kHz)	10~50	
Single pulse energy (uJ)	26@50kHz	50@50kHz
Peak power (kW)	1.1@ 50kHz	
Ave power stability (over 4 hours)	<5%	
Beam divergence, full angle (mrad)	<3.5	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	2	
Beam height from base plate (mm)	107	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled	
Operating temperature (°C)	15~35	
Power supply	DC 12V or 24V (optional)	
Expected lifetime (hours)	10000	
Warranty period	1 year	

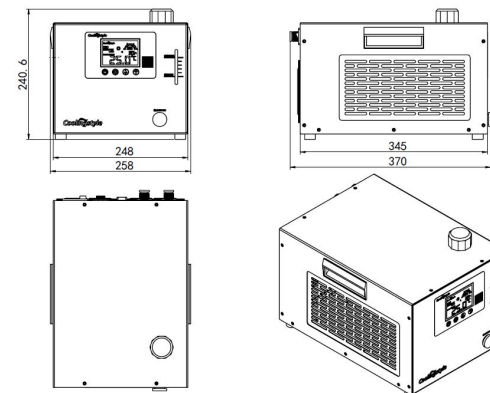


TUN-TiA-770-840



420 (L) × 338(W) × 136(H) mm<sup>3</sup>, 21 kg

Water cooler(WCH580)



370(L) × 258 (W) × 240.6(H) mm<sup>3</sup>, 8.3 kg