

TUN-Ti-770-840/1~1000mW

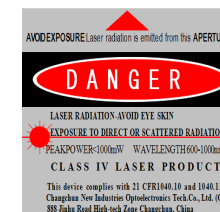
SPECIFICATIONS

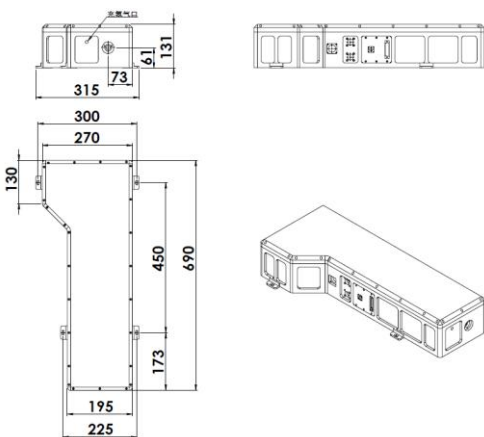
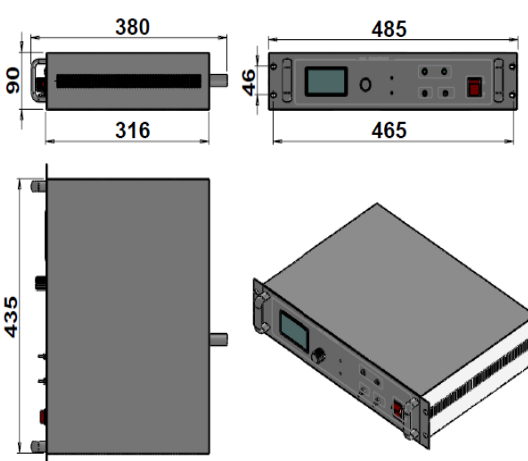
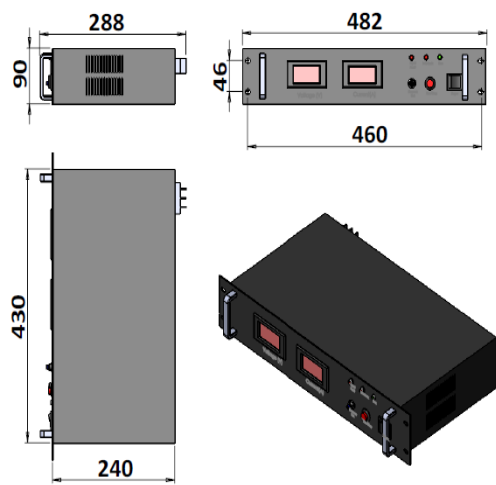
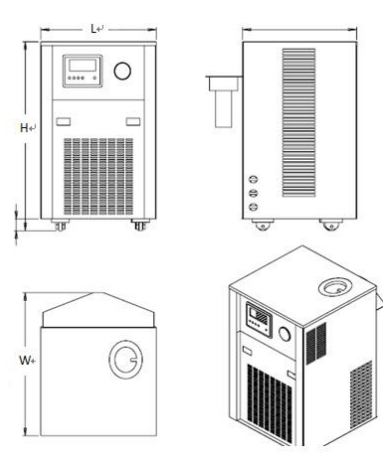
**WATER COOLING LD PUMPED  
ALL-SOLID-STATE Q-SWITCHED  
RED LASER at 770-840nm**

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, and so on.



Wavelength (nm)	770-840
Operating mode	Acousto-Optic Q-switched
Average power (mW)	1~1000@10kHz
Pulse duration (ns)	~30 @10kHz&1000mW
Rep. rate (kHz)	10~20 (It is possible to customize other repetition rates )
Single pulse energy (μJ)	100
Peak power (kW)	3.3 @10kHz&1000mW
Ave power stability (over 4 hours)	<3% , <5%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<9
Beam height from base plate (mm)	61
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-HPL-Q & PSU-HPL-CW
Expected lifetime (hours)	10000
Warranty period	1 year



TUN-Ti-770-840	PSU-HPL-Q	PSU-HPL-CW	Water Chiller(WCH-1600)
 <p>690 (L) ×315 ×131(H) mm<sup>3</sup>, 12.5kg</p>	 <p>485 (L) ×380(W) ×90(H) mm<sup>3</sup>, 7.5kg</p>	 <p>482 (L) ×288(W) ×90(H) mm<sup>3</sup>, 5.5kg</p>	 <p>435 (L) ×560(W) ×760(H) mm<sup>3</sup>, 60kg</p>