

TUN-Ti-740-840/1-7000mW

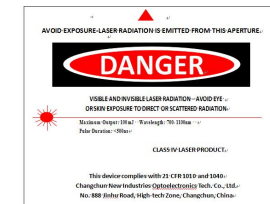
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
RED LASER at 740-840nm**

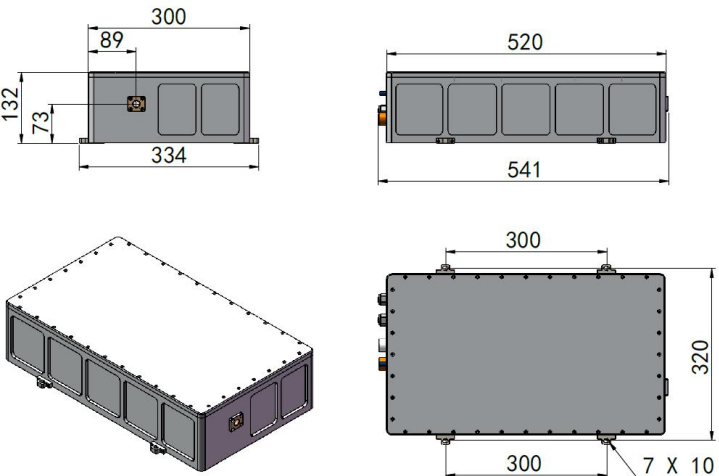
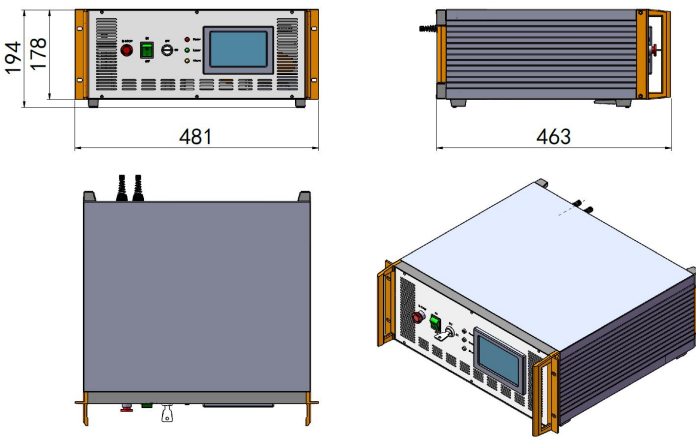
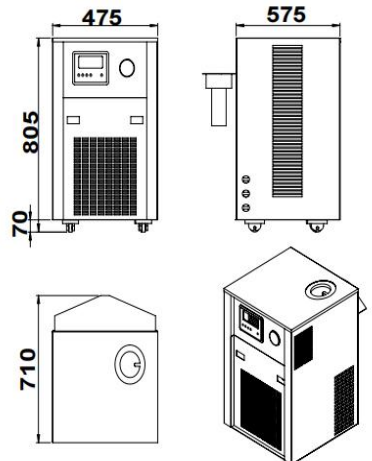
All solid state Q-switched red laser at 740-840nm tunable wavelength, has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	740-840
Operating mode	Actively
Average power (mW) ¹	1-7000 @10kHz
Pulse duration (ns)	<20 @10kHz
Rep. rate (kHz) ²	1-10
Single pulse energy (μJ)	1-700
Peak power (kW)	1-35 @10kHz
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e ² , mm)	<5
Beam height from base plate (mm)	73
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15-35
Power supply (220VAC)	PSU-AOM(4U)
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY	WATER CHILL
 <p>541(L) × 334 × 132(H) mm³, 30kg</p>	 <p>463 (L) × 481(W) × 194(H) mm³, 10kg</p>	 <p>475 (L) × 575(W) × 805(H) mm³, 60kg</p>

1 Any power level can be selected in this range.

2 One fixed value between 1-10kHz.