

TUN-TiN-770-840/1-400mW

AIR COOLING Q-SWITCHED NARROW LINEWIDTH RED LASER at 770-840nm

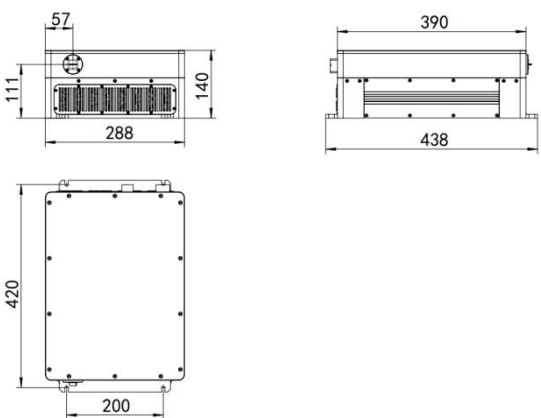
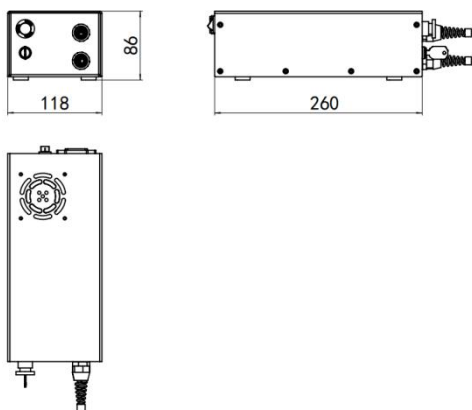
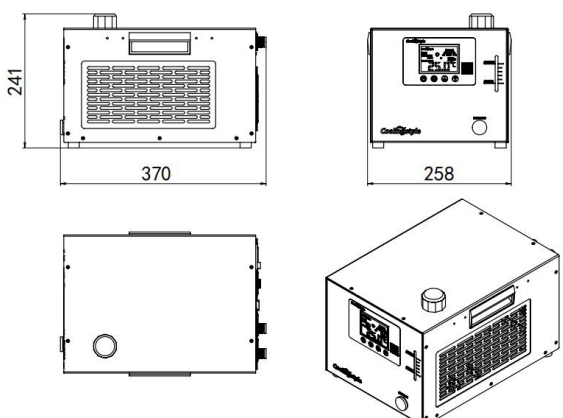
All solid state Q-switched red laser at 770~840nm tunable wavelength, has a narrow linewidth, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	770-840
Operating mode	Actively
Line width (pm)	<40
Average power (mW) ¹	1-400@50KHz
Pulse duration (ns)	<40 @50KHz&400mW
Rep. rate (kHz) ²	10-50
Single pulse energy (uJ)	1-8@50kHz
Peak power (kW)	0.1-0.32@ 50kHz
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² , mm)	<2
Beam height from base plate (mm)	111
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15-35
Power supply (100-240VAC)	12V/25A
Expected lifetime (hours)	>10000



LASER HEAD (DRIVER Integrated)	POWER SUPPLY(100-240VAC)optional	WATER CHILLER
 420 (L) × 288 (W) × 140 (H) mm³, 21 kg	 260 (L) × 118 (W) × 86 (H) mm³, 3.5 kg	 370 (L) × 258 (W) × 241 (H) mm³, 12kg

1 One fixed value between 1-400mW.

2 One fixed value between 10-50kHz.