

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

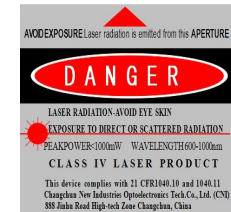
**AIR COOLING Q-SWITCHED  
NARROW LINEWIDTH RED  
LASER at 770-840nm**

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.

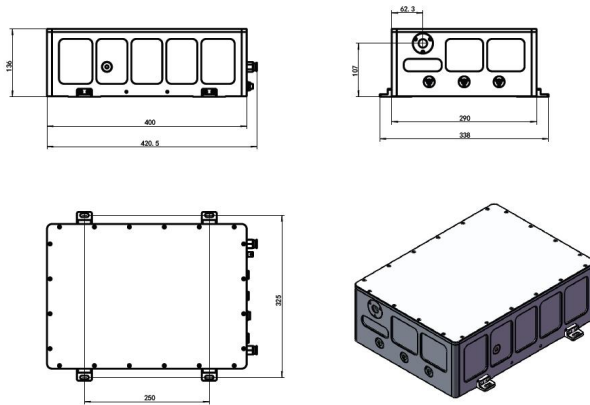


SPECIFICATIONS

|                                    |                           |
|------------------------------------|---------------------------|
| Wavelength (nm)                    | 770-840                   |
| Operating mode                     | Acousto-Optics Q-switched |
| Line width (pm)                    | <40                       |
| Average power (mW)                 | 1~400@50KHz               |
| Pulse duration (ns)                | <40 @50KHz&400mW          |
| Rep. rate (kHz)                    | 10~50 (customized )       |
| Single pulse energy (uJ)           | 8@50kHz                   |
| Peak power (kW)                    | 0.32@ 50kHz               |
| Ave power stability (over 4 hours) | <3%, <5%                  |
| Beam divergence, full angle (mrad) | <3.5                      |
| Beam diameter at the aperture (mm) | 2                         |
| Beam height from base plate (mm)   | 107                       |
| Warm-up time (minutes)             | <10                       |
| Cooled method                      | Air Cooled                |
| Operating temperature (°C)         | 15~35                     |
| Power supply                       | DC 12V or 24V (optional)  |
| Expected lifetime (hours)          | 10000                     |
| Warranty period                    | 1 year                    |

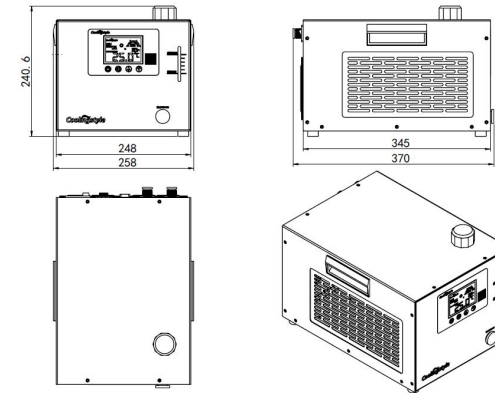


TUN-TiN-770-840



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

Water chiller(WCH-580)



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