

TUN-Ti-CW-760-840/1-3000mW

## WATER COOLING CW-HIGH POWER

### RED LASER at 760-840nm

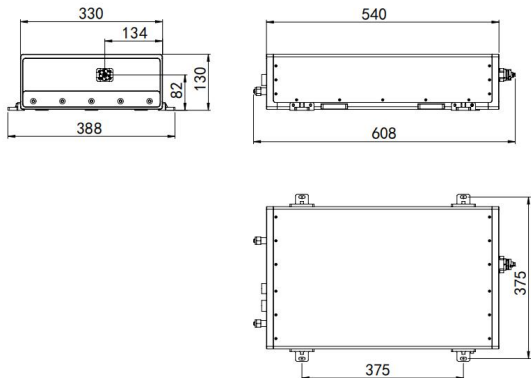
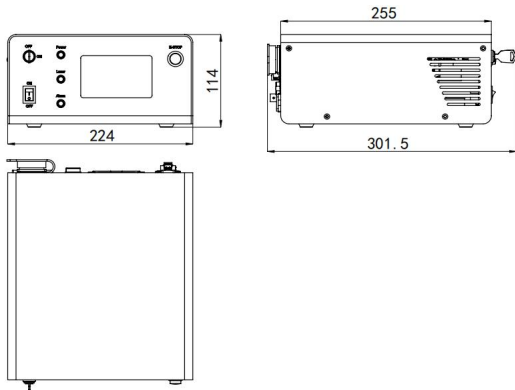
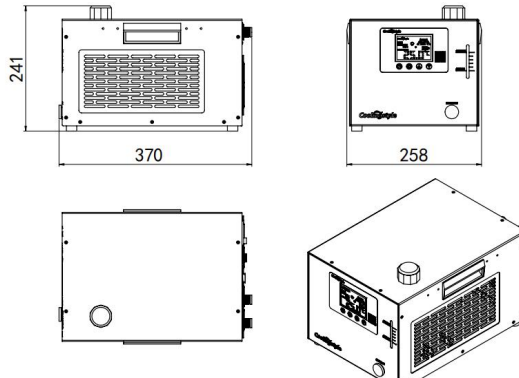
The all-solid-state CW red laser is tunable across the 760-840 nm wavelength range and delivers high power, making it widely applicable in DNA sequencing, cell sorting, optical instrumentation, spectral analysis, interferometry, holography, and physics experiments, among other fields.



## SPECIFICATIONS

|                                                      |              |
|------------------------------------------------------|--------------|
| Wavelength (nm)                                      | 760-840      |
| Operating mode                                       | CW           |
| Output power (mW) <sup>1</sup>                       | 1-3000       |
| Power stability (rms, 4 hours±3°C)                   | <3%, <2%     |
| Beam divergence, full angle (mrad)                   | <4           |
| Beam diameter at the aperture (1/e <sup>2</sup> ,mm) | <3           |
| Beam height from base plate (mm)                     | 82           |
| Warm-up time (minutes)                               | <10          |
| Cooled method                                        | Water Cooled |
| Operating temperature (°C)                           | 15-35        |
| Power supply (100-240VAC)                            | RAD1PS       |
| Expected lifetime (hours)                            | >10000       |



| LASER HEAD                                                                                                                                  | POWER SUPPLY                                                                                                                       | WATER CHILL                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>608 (L) × 388 (W) × 130 (H) mm<sup>3</sup>, 15 kg</p> |  <p>301.5(L) × 224(W) × 114(H) mm 3, 2.3 kg</p> |  <p>370(L) × 258 (W) × 240.6(H) mm<sup>3</sup>, 8.3 kg</p> |

<sup>1</sup> Any power level can be selected in this range.