

**TUN-TiN-CW-760-840/1-2000mW**

## WATER COOLING CW-NARROW

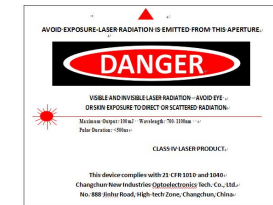
### LINEWIDTH LASER at 760-840nm

All solid state CW 760-840nm tunable lasers have linewidth less than 2 pm in the tuning band. Single longitudinal mode lasers of any wavelength can also be customized according to customer requirements. It is widely used in DNA sequencing, cell sorting, optical instrument, spectrum analysis, interference, holography, physics experiment, etc.



#### SPECIFICATIONS

Wavelength (nm)	760-840
Operating mode	CW
Output power (mW) <sup>1</sup>	1-2000
Line width (pm)	<2pm
Coherent length (m)	>10
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><b>608 (L) × 388(W) × 130(H) mm<sup>3</sup>, 15 kg</b></p>	<p><b>301.5(L) × 224(W) × 114(H) mm<sup>3</sup>, 2.3 kg</b></p>	<p><b>370(L) × 258 (W) × 240.6(H) mm<sup>3</sup>, 8.3 kg</b></p>

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