

MSL-Ti-CW-810/1-1000mW

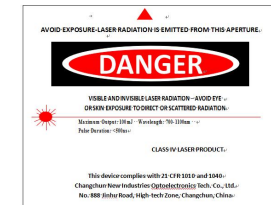
**WATERCOOLING CW-  
NARROW LINWIDTH RED LASER  
AT 810nm**

All solid state CW red laser at 810nm with a narrow line width, which is widely used in DNA sequencing, cell sorting, optical instrument, spectrum analysis, interference, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	810±1
Operating mode	CW
Output power (mW) <sup>1</sup>	1-1000
Power stability (rms, 4 hours±3°C)	<3%, <2%
Line width (fm)	<500
Coherent length (m)	>10
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<sup>3</sup>, 2.3 kg</p>	<p>370(L) × 258(W) × 240.6(H) mm<sup>3</sup>, 8.3 kg</p>

<sup>1</sup> One fixed value between 1-1000mW.