

MSL-Ti-CW-785/1-1200mW

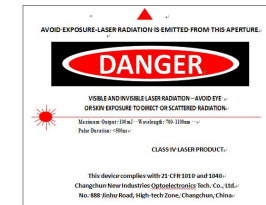
**WATERCOOLING CW-
NARROW LINWIDTH RED LASER
AT 785nm**

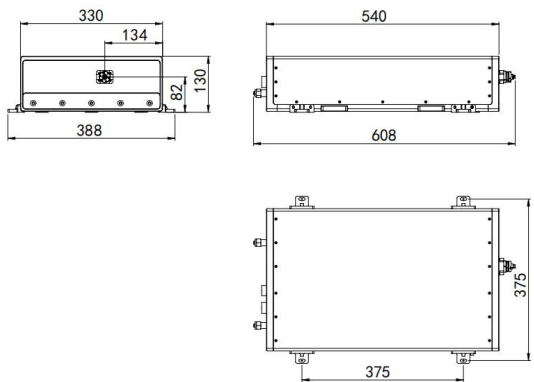
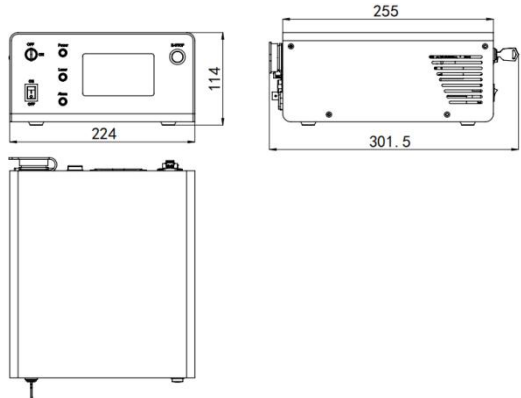
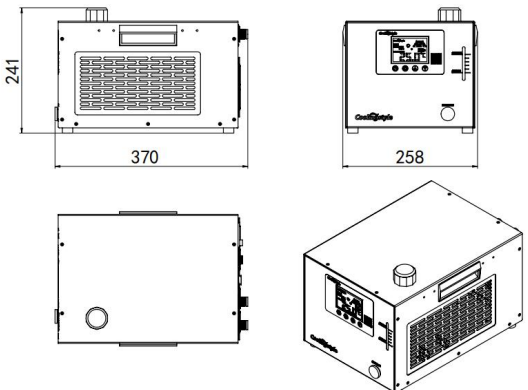
All solid state CW red laser at 785nm with a narrow line width, which is widely used in DNA sequencing, cell sorting, optical instrument, spectrum analysis, interference, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	785 ± 1
Operating mode	CW
Output power (mW) ¹	1-1200
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 ² ,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) mm³, 15 kg</p>	 <p>301.5(L) × 224(W) × 114(H) mm³, 2.3 kg</p>	 <p>370(L) × 258 (W) × 240.6(H) mm³, 8.3 kg</p>

¹ One fixed value between 1-1200mW.