

MSL-Ti-793-810/1~200mW

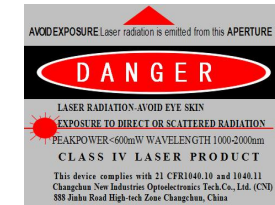
**SINGLE LONGITUDINAL MODE LASER
AT 793-810nm**

All solid state single longitudinal mode laser at 793~810nm with a narrow linewidth, is optional at any wavelength by customer's requirement, which is widely used in DNA sequencing, cell sorting, optical instrument, spectrum analysis, interference, holography, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	793-810 (any wavelength optional, untunable)
Average power (mW)	>1, 2, ..., 200
Operating mode	CW
Line width (nm)	<0.00001
Coherent length (m)	>10
Average power stability (over 4 hours)	<1%, <3%
Beam divergence, full angle (mrad)	<1
Beam diameter at the aperture (1/e2, mm)	<1
Beam height from base plate (mm)	90
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	<10
Power supply (220/110VAC)	PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MSL-Ti-793-810	PSU-H-FDA	Water cooler(WCH-580)
<p>496 (L) × 210 (W) × 137 (H) mm³, 12kg</p>	<p>238 (L) × 145 (W) × 94 (H) mm³, 4.5 kg</p>	<p>370 (L) × 258 (W) × 240 (H) mm³, 8.3 kg</p>