



MxL-DP series



LD PUMPED ALL-SOLID-STATE RED LASER

All solid state red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show etc.

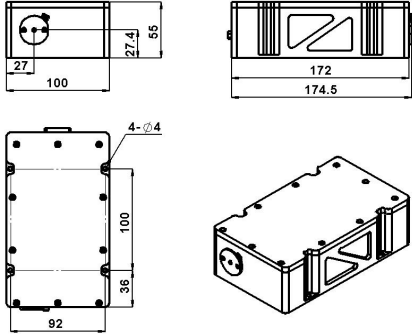
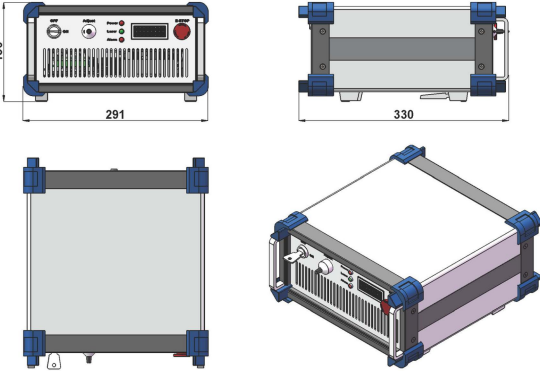



SPECIFICATIONS

Wavelength (nm)	639±1	721±1
Operating mode	CW	
Output power (mW)	1000-2000	500-800
Power stability (rms, over 4 hours)	<1%, <2%, <3%	
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.5	<2.0
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<2.0	
Beam divergence, full angle (mrad)	<1.2	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	
Cooled method (Water Cooled)	WCH-600	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-DP	
Expected lifetime (hours)	10000	
Warranty	1 year	

Note: The laser head needs to be used on a heat sink with good heat dissipation.



LASER HEAD	POWER SUPPLY	Water Chiller(WCH-600)
 <p data-bbox="360 762 629 783">174.5(L)×100(W)×55(H) mm<sup>3</sup>, 1.8kg</p>	 <p data-bbox="976 762 1245 783">326(L) ×292(W) ×148 (H) mm<sup>3</sup>, 4.9 kg</p>	 <p data-bbox="1599 762 1868 783">270(L) ×320(W) ×330(H) mm<sup>3</sup>, 18 kg</p>