



MLL-DP-xxx-A series

LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER

Low noise all solid state laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.

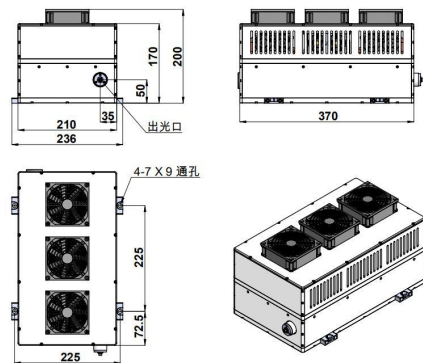


SPECIFICATIONS

Central wavelength (nm)	639±1
Operating mode	CW
Output power (mW)	1500-2000
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Spectral line width (nm)	<0.1, <0.003
Transverse mode	Near TEM <sub>00</sub>
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<2.0
Noise of amplitude (rms, 1Hz~20MHz)	<1%
Beam divergence, full angle (mrad)	<1.2
Polarization Ratio	>100:1, Horizontal (Vertical Optional)
Warm-up time (minutes)	<10
Beam height from base plate (mm)	38
Cooled method	Fan Cooled
Operating temperature (°C)	10~35
Power supply	FC-11
Expected lifetime (hours)	10000
Warranty	1 year

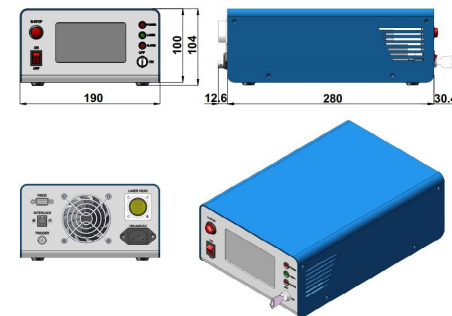


LASER HEAD



370(L)×236(W)×200(H) mm<sup>3</sup>

POWER SUPPLY



323(L) × 190(W) × 104(H) mm<sup>3</sup>