



MLL-DP-xxx-A series

LD PUMPED ALL-SOLID-STATE LOW NOISE RED LASER

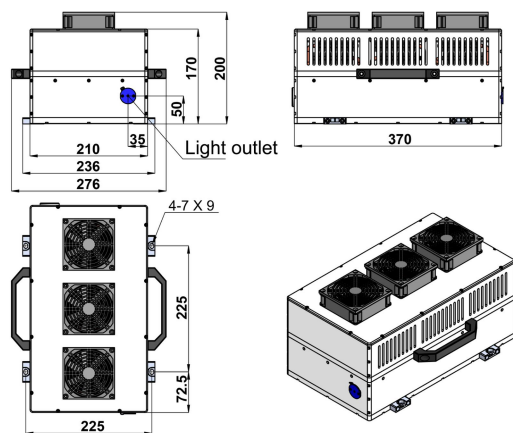
Low noise all solid state laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



SPECIFICATIONS

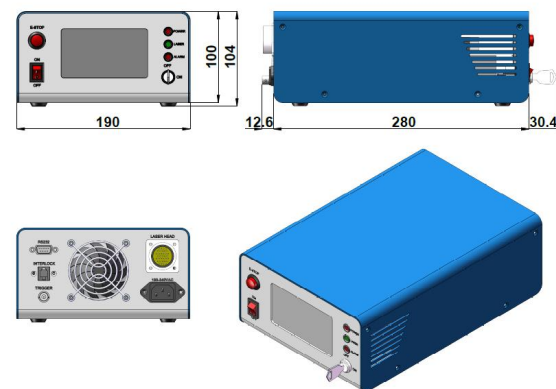
Central wavelength (nm)	639±1
Operating mode	CW
Output power (mW) ¹	1500-2000
Power stability (rms, 4 hours±3°C)	<3%, <2%, <1%
Spectral line width (nm)	<0.1, <0.003
Transverse mode	Near TEM ₀₀
Beam diameter at the aperture (1/e ² , mm)	<2.0
Noise of amplitude (rms, 1Hz-20MHz)	<1%
Beam divergence, full angle (mrad)	<1.2
Polarization ratio	>100:1, Horizontal (Vertical optional)
Warm-up time (minutes)	<10
Beam height from base plate (mm)	50
Cooled method	Air Cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-DP-A
Expected lifetime (hours)	>10000

LASER HEAD



370(L)×276(W)×200(H) mm³, 18.0kg

POWER SUPPLY²



323(L)×190(W)×104(H) mm³, 4.0kg

1 Any power level can be selected in this range.

2 Fixed output power; RS232 control optional.