



MRL-DP-xxx-A series

LD PUMPED ALL-SOLID-STATE RED LASER

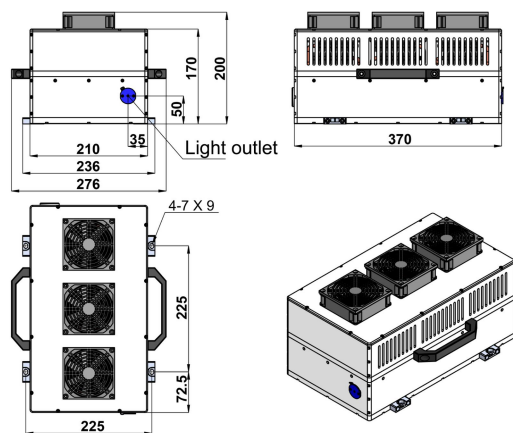
All solid-state CW mode laser is made features of ultra compact, easy operating, high power and staibility, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.



SPECIFICATIONS

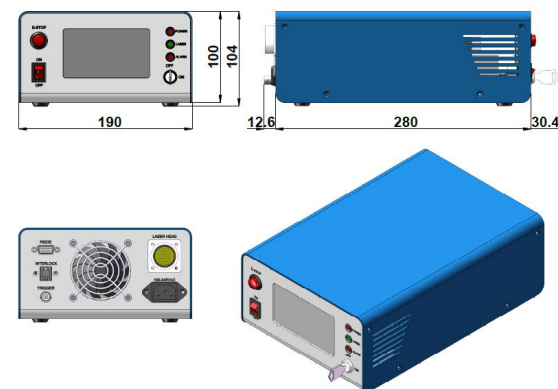
Part number	MRL-DP-607-A	MRL-DP-639-A	MRL-DP-670-A	MRL-DP-698-A	MRL-DP-721-A
Wavelength (nm)	607±1	639±1	670±1	698±1	721±1
Operating mode	CW				
Output power (mW) ¹	1800-2000	3000-4000	500-2000	1800-3000	1000-3500
Power stability (rms, 4 hours±3°C)	<3%, <2%, <1%				
Transverse mode	Near TEM ₀₀ (TEM ₀₀ optional)				
Beam diameter at the aperture (1/e ² , mm)	<3.0				
Beam divergence, full angle (mrad)	<3.0				
Polarization ratio	>100:1, Horizontal (Vertical optional)		>100:1, Vertical (Horizontal 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 Output power adjustable 10-100%; RS232 control optional.