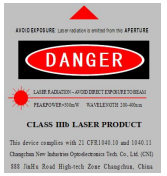
MRL-DP-xxx-C series

LD PUMPED ALL-SOLID-STATE RED LASER

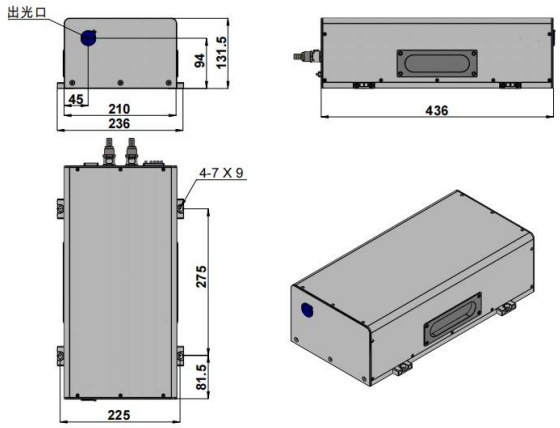


All solid-state CW mode laser is made features of ultra compact, easy operating, high power and staiblity, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.

SPECIFICATIONS

Part number	MRL-DP-607-C	MRL-DP-639-C		MRL-DP-670-C	MRL-DP-698-C		MRL-DP-721-C	
Central wavelength (nm)	607±1	639±1					721±1	
Operating mode	CW							
Output power (mW)	3500-7500	10000-15000	15000-17000	4000-6500	7000-9000	9000-10000	8000-10000	10000-12000
Power stability (rms, over 4 hours)	<3%, <2%, <1%							
Transverse mode	Multi mode							
Beam diameter at the aperture ($1/e^2$, mm)	3.0							
Beam divergence, full angle (mrad)	<5.0							
Warm-up time (minutes)	<10							
Beam height from base plate (mm)	94							
Polarization Ratio	>100:1 Horizontal(Vertical Optional)			>100:1, Vertical (Horizontal Optional)				
Cooled method (Water Cooled)	WCH-580							
Operating temperature (℃)	10~35							
Power supply	12V DC (Photoelectric integrated)							
Warranty	1 year							

Note: The laser head must be used on a water cooling system.

LASER HEAD	Water Chiller(WCH-580)
	
436(L)×236(W)×131.5(H) mm³, 16.6 kg	**345 (L) ×248 (W) ×215(H) mm³, 10.5 kg**