



MRL-U-xxx-SF 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 stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	612±1	618±1	627±2	631±2	689±1
Operating mode	CW				
Output power (mW)	1-100	1-50	1-200	1-200	1-200
Power stability (rms, over 4 hours)	<5%, <3%				
Transverse mode	Near TEM ₀₀				
Beam diameter at the aperture (1/e ² , mm)	~4				
Beam divergence, full angle (mrad)	<2				<3
Polarization Ratio	>100:1				
Cooled method	Fan Cooled/ Water Cooled				
Warm-up time (minutes)	<10				
Beam height from base plate (mm)	91@Fan Cooled/ 55@Water Cooled				
Operating temperature (°C)	15-30				
Power supply (90-264VAC)	PSU-W-FDA				
Expected lifetime (hours)	10000				
Warranty	1 year				



LASER HEAD (Fan Cooled)	LASER HEAD (Water Cooled)	POWER SUPPLY (PSU-W-FDA)
<p>256(L)×156(W)×121(H) mm³</p>	<p>239.5(L)×165(W)×85(H) mm³</p>	<p>307 (L) ×168(W) ×123(H) mm³, 4.5kg</p>