

TUN-F-638~644/1~40mW

RED DIODE LASER AT 638~644 nm

Red diode laser at 638~644nm is made features of TEM₀₀ mode, tunable wavelength, easy operation, which is used in holography, fluorescence sensors, spectroscopy, Biology, Photochemistry, etc.

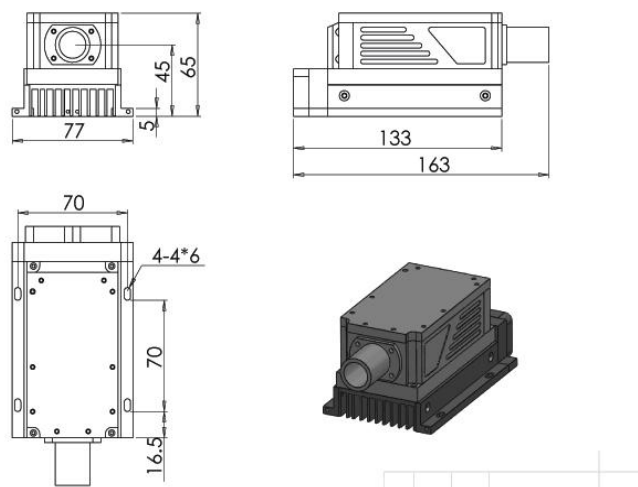


SPECIFICATIONS

Wavelength (nm)	638~644	
Operating mode	CW	
Output power (mW)	1~40	
Transverse mode	TEM ₀₀	
Power stability (rms, over 4 hours)	<3%, <2%, <1%,	
Ellipticity	>0.98	
Beam quality (M ²)	<1.1	
Polarization ratio	no fixed polarization	>50:1 (>100:1 optional)
Beam divergence, full angle (mrad)	<1.0	
Beam diameter at the aperture (1/e ² , mm)	~1.0	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Warm-up time (minutes)	<5	
Operating temperature (°C)	10~30	
Power supply (90-264VAC)	PSU-A-D	
Modulation option	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Expected lifetime (hours)	10000	
Warranty period	1 year	



TUN-F-638~644



163(L)×77(W)×65(H) mm³, 3.5kg

PSU-A-D



162(L) ×144(W) ×70 (H) mm³, 1.0kg

Website: www.precisometer.com E-mail: info@precisometer.com