

577 nm LD Pumped All-Solid-State Yellow Laser MGL-F-577

Model #: MGL-F-577

Description: Diode laser pumped all-solid-state blue laser at 577 nm MGL-F-577 features ultra-compact, long lifetime, cost-effective and easy operation.


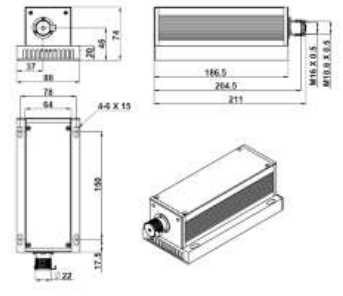
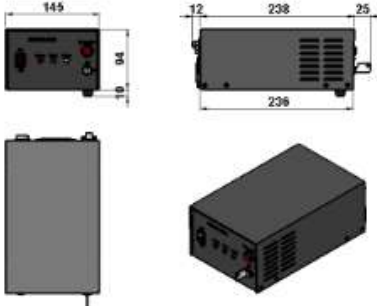

Application: medical treatment, scientific experiments, optical instrument, laser display, laser lighting show, etc.

Specifications

Wavelength (nm)	577 ± 2
Output Power (mW)	>10, 20, 50,....., 2000
Transverse Mode	TEM00
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 3%, <5%, 10%
M ² Factor	<1.5
Warm-up Time (minutes)	<10
Beam Divergence, Full Angle (mrad)	<1.5
Beam Diameter at aperture (1/e ² , mm)	~2.5
Beam Height from Base Plate (mm)	45
Polarization Extinction Ratio	>100:1, horizontal ± 5° (vertical optional)
Pointing Stability after Warm up (mrad)	< 0.05
Operating Temperature (C°)	10 ~ 35
Power Supply (90-264VAC or 5V DC)	PSU-H-FDA or PSU-H-LED
Modulation	TTL on/off, 1Hz-1KHz
Expected Lifetime (hours)	10000
Warranty Period	1 year

Ordering Information: MGL-F-577-A-B-C

A: maximum output power	B: power stability	C: power driver
1 - 10 mW	3 – 3%	1 - PSU-H-FDA
20 - 20 mW	5 – 5%	2 - PSU-H-LED
50 - 50 mW	10 – 10%	
2000 - 2000 mW		
X - other		

<p style="text-align: center;">MGL-F-577 Head</p> 	<p style="text-align: center;">MGL-F-577</p>  <p style="text-align: center;">211 (L) x 88 (W) x 74 (H) mm³, 1.6 kg</p>
 <p style="text-align: center;">236 (L) x 145 (W) x 104 (H) mm³, 2.3 kg</p> <p style="text-align: center;">PSU-H-FDA</p>	 <p style="text-align: center;">277 (L) x 145 (W) x 106 (H) mm³, 2.6 kg</p> <p style="text-align: center;">PSU-H-LED</p>

