

**INFRARED DIODE LASER AT 980nm**

**SPECIFICATIONS**

**Features**

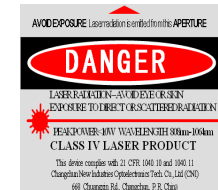
- round beam profile
- long lifetime
- low owning cost
- ease-to-use

**Applicaions**

- research
- measurement
- optical instrument
- spectrum analysis



Wavelength (nm)	980±5	
Output power (mW)	100, 300	500
Energy distribution	even	
Beam profile	round	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, full angle (mrad)	<8.0	<18.0
Beam diameter at the aperture (mm)	~2.0	~2.0
Beam height from base plate (mm)	24.8	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-FDA	PSU-III-LED
Modulation (optional)	TTL or analog, 1Hz-5kHz, 1Hz-10kHz, 1Hz-30kHz	
Expected lifetime (hours)	10000	
Warranty	1 year	



MxL-III-980R	PSU-III-LED	PSU-III-FDA
<p><b>139(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.6kg</b></p>	<p><b>154 (L) ×155(W) ×95 (H) mm<sup>3</sup>, 1.5kg</b></p>	<p><b>133 (L) ×130(W) ×65 (H) mm<sup>3</sup>, 1.2kg</b></p>