

473 nm LD Pumped All-Solid-Sate Blue Laser MDL-III-473

Model #: MDL-III-473

Description: Diode laser pumped all-solid-state blue laser at 473 nm MDL-III-473 features ultra compact, long lifetime, low cost and easy operation.

Application: fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.

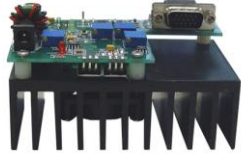
Specifications

Wavelength (nm)	473 ± 1
Output Power (mW)	>1, 2, 3,....., 100, 150
Transverse Mode	TEM00
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 3%, <5%, 10%
M ² Factor	<1.2
Warm-up Time (minutes)	<10
Beam Divergence, Full Angle (mrad)	<1.5
Beam Diameter at 1/e ² (mm)	~1.2
Beam Height from Base Plate (mm)	24.8
Polarization Extinction Ratio	>100:1 (1 or 90 degree)
Amplitude Noise (rms, 1 ~ 20 MHz)	~ 30%
Operating Temperature (C°)	10 ~ 35
Power Supply (90-264VAC or 5V DC)	PSU-III-LCD, PSU-III-LED, PSU-III-FDA or PSU-III-OEM
Modulation	TTL on/off (Optional: TTL or analog 1Hz-1KHz, 1kHz-10KHz, 10KHz-30KHz modulation)
Expected Lifetime (hours)	10000
Warranty Period	1 year

Ordering Information: MDL-III-473-A-B-C

A: maximum output power	B: power stability	C: power driver
1 - 50 mW	3 – 3%	1 - PSU-III-FDA
80 - 80 mW	5 – 5%	2 - PSU-III-LED
100 - 100 mW	10 – 10%	3 – PSU-II-OEM
150 - 150 mW		4 – PSU-III-LCD
X - other		

<p style="text-align: center;">MxL-III-473</p>  <p style="text-align: center;">140. 8(L)×73(W) ×46. 2(H) mm³, 0.6kg</p>	<p style="text-align: center;">PSU-III-LCD <i>High stability!</i></p>  <p style="text-align: center;">153 (L) ×155(W) ×92 (H) mm³, 1.4kg</p>
	
<p style="text-align: center;">PSU-III-LED</p>  <p style="text-align: center;">153 (L) ×155(W) ×92 (H) mm³, 1.5kg</p>	<p style="text-align: center;">PSU-III-FDA</p>  <p style="text-align: center;">133 (L) ×130(W) ×65 (H) mm³, 1.2kg</p>
	
<p style="text-align: center;">PSU-III-OEM</p>	

 <p>100 (L) ×62(W) ×56 (H) mm³, 0.2kg</p>	
