

# 976nm High Power benchtop Multimode Pump Laser 5W



## ● Product Description

MHPL-XXX high-power laser light source is based on high-performance semiconductor laser chip, 105/125um fiber coupled output. Professionally designed constant current drive and temperature control circuit ensures safe and stable operation of the laser. Some models have wavelength locking, and the spectrum stability can be better than  $\pm 3\text{nm}$ . It is suitable for medical research, fiber laser pumping and other production tests. It can provide benchtop or modular packaging, and provide host computer monitoring software.

## ● Part Number

MHPL-976-5-MM-B

## ● Product features

High output power、 Power and spectrum stability、 Module or benchtop package

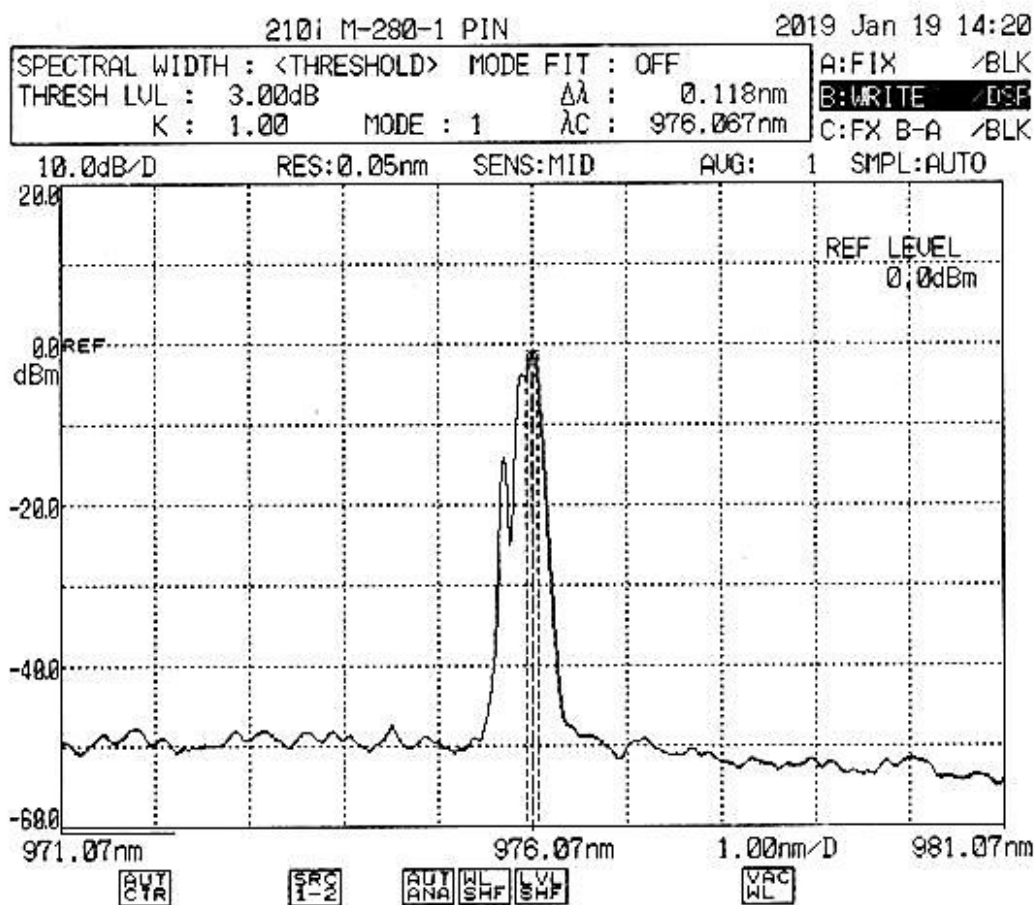
## ● Application area

Fiber laser pumping、 Biomedical、 Material laser processing

## Parameters

Parameter	Unit	Typical		Notes
Operating wavelength	nm	793/808/976	915	
Wavelength accuracy	nm	±3	±10	
Spectral width	nm	3	6	
Operating mode	-	CW		Continuous light
Output power	W	5、 10、 25		Customizable
Short-term stability (15 minutes)	dB	≤ ±0.02		Equivalence≤±0.5%
Long-term stability (8 hours)	dB	≤ ±0.05		Equivalence≤±1.2%
Pigtail type	-	105/125μm Multimode Fiber, NA= 0.22		
Pigtail connector type	-	Bare fiber		Optional fiber collimator

Electrical and environmental parameters	Benchtop	Module
Control mode	Button	RS232 Serial communication
Communication interface	Optional	DB9 Female
Power supply	100~240VAC, <120W	12V DC, <60W
Dimensions	260(W)×320(D)×120(H)mm	125(W)×150(D)×30(H)mm
Operating temperature range	-5~+35℃	
Operating humidity range	0~70%	



#### Ordering information / PN#

MHPL	Operating wavelength (nm)	Output power(W)	Output pigtail type	Package method
	793/808/915 /976/1064	5/10/25	MM=105/125 $\mu$ m Multimode Fiber	B=Benchtop M=Module