

# 976nm High Power benchtop Multimode Pump

## Laser 5W



### ● Product Description

High-power laser light source is based on high-performance semiconductor laser chip, 105/125um fiber coupled output. Professionally designed constant current driver 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

## ● Product features

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

## ● Part Number

MP-FP-976-5-MM-B

## ● Application area

Fiber laser pumping、 Biomedical、 Material laser processing

## ● Core parameters

Wavelength	Output Power	Spectral Width
915nm	5W	3nm

## ● General Parameters

Parameters

Parameter	Unit	Typ.	Notes
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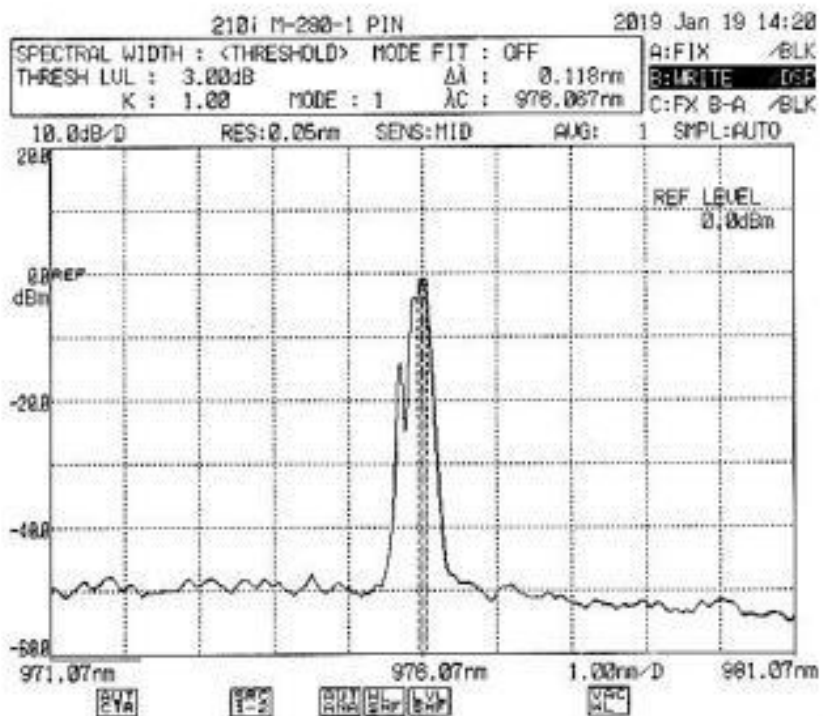


<b>Operating Wavelength</b>	nm	793/808/976	915
<b>Wavelength Accuracy</b>	nm	±3	±10
<b>Spectral Width</b>	nm	3	6
<b>Operating Mode</b>	-	CW	
<b>Output Power</b>	W	5, 10, 25	
<b>Short-Term Stability (15 min)</b>	dB	≤ ±0.02	
		Equivalent ≤ ± 0.5%	
<b>Long-Term Stability (8 h)</b>	dB	≤ ±0.05	
		Equivalent ≤ ± 1.2%	
<b>Pigtail Type</b>	-	105/125μ m Multimode Fiber, NA=0.22	
<b>Pigtail connector type</b>	-	Bare Fiber	
		Optional Fiber Collimator	

<b>Electrical and Environmental Parameters</b>	<b>Benchtop</b>	<b>Module</b>
<b>Control Method</b>	<b>Keypad</b>	<b>RS232 Serial</b>



		<b>Communication</b>
<b>Communication Interface</b>	<b>Optional</b>	<b>DB9 Female</b>
<b>Power Supply</b>	<b>100~240VAC,&lt;120W</b>	<b>12V DC,&lt;60W</b>
<b>Dimensions</b>	<b>260(W)×320(D)× 120(H)mm</b>	<b>125(W)×150(D)× 30(H)mm</b>
<b>Operating Temperature Range</b>	<b>-5~+35°C</b>	
<b>Operating Humidity Range</b>	<b>0~70%</b>	





## Ordering Info

Ordering info/PN#				
	Operating Wavelength (nm)	Output Power(W)	Output Pigtail Type	Package Type
MP-FP-	793/808/915 /976/1064	5/10/25	MM=105/125um  Multi-mode  Fiber	B=Benchtop  M=Module