

915nm High Power Benchtop Multimode Pump

Laser 5W



- **Product Description**

The high-power laser source is based on high-performance semiconductor laser chips, with output coupled to 105/125um multimode optical fibers. The laser is designed with a constant current driver and temperature control circuits to ensure stable and safe operation. Some models feature wavelength locking, providing spectral stability within $\pm 3\text{nm}$. This laser



source is suitable for applications in medical research, fiber laser pumping, and other production testing processes. It is available in both desktop and modular packaging and comes with PC-based monitoring software

● Product features

High Output Power, Stable Power and Spectral Performance, Available in Modular or Desktop Packaging

● Part Number

MP-FP-915-5-MM-B

● Application area

Fiber Laser Pumping, Biomedical Applications, Material Laser Processing

● Core parameters

Wavelength	Output Power	Spectral Width
915nm	5W	6nm



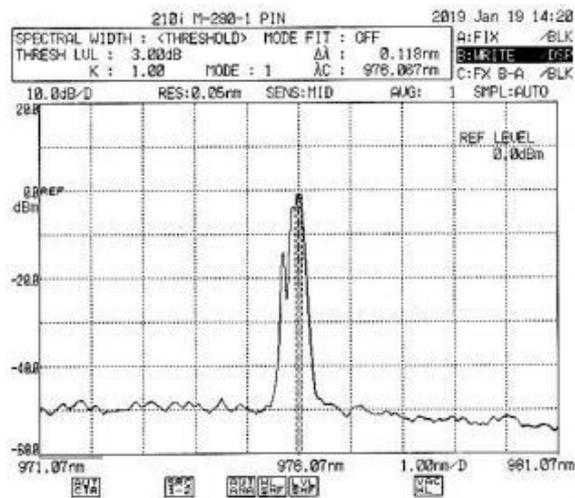
● General Parameters

Parameters

Parameter	Unit	Typ.		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 min)	dB	≤ ±0.02		Equivalent ≤ ± 0.5%
Long-Term Stability (8 h)	dB	≤ ±0.05		Equivalent ≤ ± 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 Method	Keypad	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°C	
Operating Humidity Range	0~70%	





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