

450nm Optical Fiber Output Accurate Wavelength Laser System of AWM Series



DESCRIPTION

Our quasi wavelength fiber coupled output semiconductor laser system can provide a variety of wavelength options. Fiber coupled output has excellent power stability. Product structure is small, portable, with user-friendly operation interface, perfect refrigeration system, can meet the different needs of users. Our company can also provide customized services according to the requirements of users.

FEATURES

- Built-in TEC, power stability is better than $\pm 1\%$ @ 8H
- Multiple wavelengths available
- Including host computer control, short circuit protection and other functions
- Multimode fiber optiona

APPLICATIONS

- Flow cytometry
- Confocal microscopy
- Fluorescence excitation
- Granularity measurement
- Super-resolution microscopy

PARAMETERS

Model	CL450-SIF(FA)-20mW-AWM004	CL450-SIF(FP)-20mW-AWM005	CL450-SIF(S)-20mW-AWM006
Central Wavelength (nm)	450	450	450
Wavelength Tolerance (nm)	± 6	± 6	± 6
Output Power (mW)	20	20	20
Line Width (nm)	1	1	1
Fiber Interface	APC	FC/PC	SMA905
Power Stability	$\pm 1.0\%$ @8H	$\pm 1.0\%$ @8H	$\pm 1.0\%$ @8H
Power Adjustment Range	0~100%	0~100%	0~100%
Preheat Time (Min)	15	15	15
Modulation Input	1KHz TTL or Analog signal 0~5 V		
Control Interface	USB, BNC	USB, BNC	USB, BNC
Power Input	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz	100-240VAC, 50/60Hz
System Parameter	System Power Consumption (W) <5	<5	<5
Storage Temperature ($^{\circ}\text{C}$)	0~55	0~55	0~55
Storage Humidity (RH)	0~80%	0~80%	0~80%
Operating Temperature ($^{\circ}\text{C}$)	10~35	10~35	10~35
System Weight (Kg)	2.2	2.2	2.2
System Size (mm)	150×102×200	150×102×200	150×102×200

FEATURES

OUTLINE SIZE(mm)

