

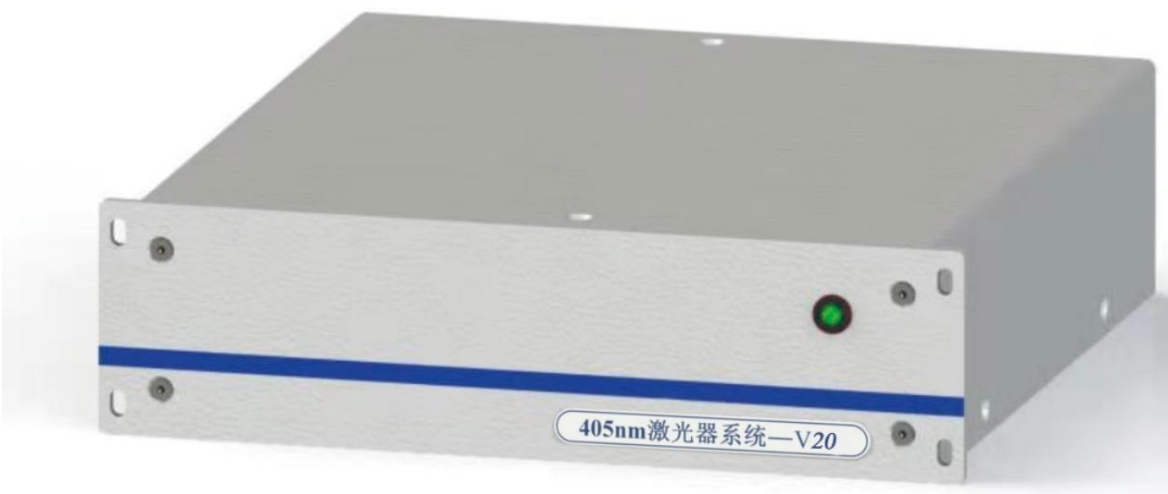
405nm Laser Diode

■ Features

- ◆ High output power of 20W
- ◆ 400 μ m/0.22NA multimode optical fiber
- ◆ Center wavelength 400~405nm

■ Applications

- ◆ LDI
- ◆ Medical Application
- ◆ Scientific Research



Typical Device Performance (20°C)

	Typical	Unit
Optical		
CW Output Power	20	W
Center Wavelength	400-405	nm
Spectral Width (90% of Power)	<4.0	nm
Fiber*		
Fiber Core Diameter	400	μm
Fiber Length	2	m
Fiber Connector	SMA905	-
Electrical Parameter		
Voltage	DC24	V
Current	4.2	A
Electric Power	100	W
Power Supply & Control		
Control Model	Serial Port / Analog Voltage	
Power Regulation Range	0-20W	
Protection	Over Voltage/Over Current/Over Temperature	
Water cooling		
Refrigerating Capacity	100	W
Minimum Flow Rate	3.0	L/min
Water Pressure	0.3	MPa
Water Quality	RO/DI/DH2O	

* Customized fiber and connector available.

* Measuring specifications.

All figures in this specification are measured by CNI's method and may contain measurement deviations.

The above specifications are for reference purpose only and subjected to change without prior notice.



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