

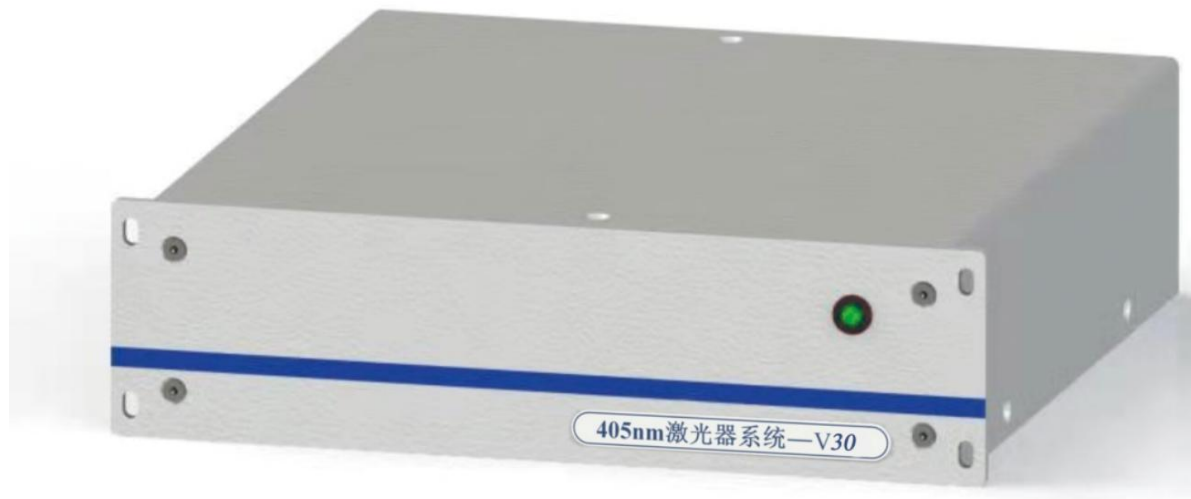
# 405nm Laser Diode

## ■ Features

- ◆ High output power of 30W
- ◆ 400 $\mu$ m/0.22NA multimode optical fiber
- ◆ Center wavelength 400~405nm

## ■ Applications

- ◆ LDI
- ◆ Medical Application
- ◆ Scientific Research



## Typical Device Performance (20°C)

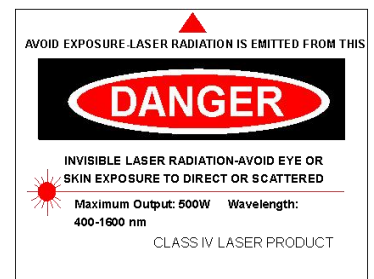
|                                   | Typical                                    | Unit  |
|-----------------------------------|--|-------|
| <b>Optical</b>                    |  |       |
| CW Output Power                   | 30   | W     |
| Center Wavelength                 | 400-405                                    | nm    |
| Spectral Width (90% of Power)     | <4.0                                       | nm    |
| <b>Fiber*</b>                     |  |       |
| Fiber Core Diameter               | 400  | μm    |
| Fiber Length                      | 2  | m     |
| Fiber Connector                   | SMA905                                     | -     |
| <b>Electrical Parameter</b>       |  |       |
| Voltage                           | DC24                                       | V     |
| Current                           | 6.3  | A     |
| Electric Power                    | 150  | W     |
| <b>Power Supply &amp; Control</b> |  |       |
| Control Model                     | Analog Voltage And RS232 / RS485           |       |
| Power Regulation Range            | 0-30W                                      |       |
| Protection                        | Over Voltage/Over Current/Over Temperature |       |
| <b>Water cooling</b>              |  |       |
| Refrigerating Capacity            | 150  | 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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