

## Semiconductor Laser

### Diode Laser Subsystems

The HTOE semiconductor laser subsystems are high power laser diode source and control subsystems which are fully integrated turn-key bench top solutions. These high power subsystems include a high power HTOE laser module, precision high power laser diode current source, temperature controller and cooling plate assembly integrated into a compact enclosure.

- Operate in high power constant current or QCW mode
- Available wavelengths include 6xxnm, 8xxnm, 9xxnm etc.
- Over-temperature protection to safeguard the device from thermal damage
- More customer design wavelength, power or functions available on request



### Parameters ( 20°C )

Diode Laser Subsystems			
Parameter	P1 Laser Subsystem	P2 Laser Subsystem	P3 Laser Subsystem
	LOS-BLD-****-5W-C/P	LOS-BLD-****-15W-C/P	LOS-BLD-****-30W-C/P
Center Wavelength	808/980nm	808/980nm	808/980nm
Output Power	0~5W	0~15W	0~30W
Input Voltage	220VAC ± 10%, 50 ~ 60Hz		
Operation Mode	CW/QCW	CW/QCW	CW/QCW
Modulation Rate	0 ~ 10KHz	0 ~ 5KHz	0 ~ 5KHz
Laser Output Connector	FC/SMA-905		
Operation Temperature	5 ~ 35°C		
Operation Humidity	5% ~ 85% ( No condensation )		
Storage Temperature	-10 ~ 60°C		
Dimensions	220*210*75	285*250*130	455*365*162





海特光电有限责任公司  
Hi-Tech Optoelectronics Co.,Ltd.

## Notice

---

1. Item model notice: LOS (Item model)-BLD-\*\*\*\* (wavelength)-\*\*\*\* (output optical capacity)-C/P;
2. Customized parameters including center wavelength, output optical capacity;
3. For more information, please contact Hi-Tech Optoelectronics Co., Ltd.

**Hi-Tech Optoelectronics Co., Ltd.**

TEL: +86(10) 6076 9899

FAX: +86(10) 6076 9887 ext.699

Address: Shahe Industrial Park, Changping District,  
Beijing 102206, China

Web Site: <http://www.htoe-en.cecep.cn/>

Email: [sales@htoelaser.com](mailto:sales@htoelaser.com)

