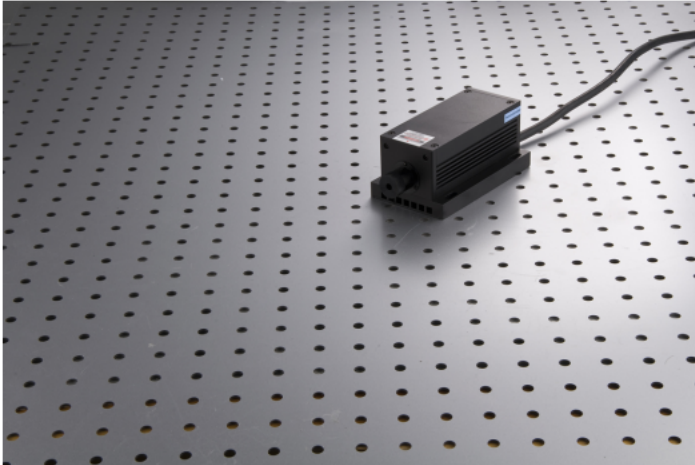




1064nm Infrared Laser-8W



FEATURES

- Compact Size
- Collimated straight beam
- Easy use & maintenance free
- Longlife operation
- High efficiency
- High reliability

APPLICATIONS

- Thermal printing
- Material Inspection
- Scanning Biochemistry
- Lidar

半导体激光器对比固体激光器，优点：价格低，功率稳定度高，外形体积小，电光转换效率高。缺点：光束质量差，线宽大，波长偏差大。

This is diode laser. Comparing to DPSS 1064nm laser. The advantages are lower price, higher power stability, smaller size, higher electric-optical converse efficiency. The dis-advantages are worse beam quality, larger linewidth, larger wavelength tolerance.

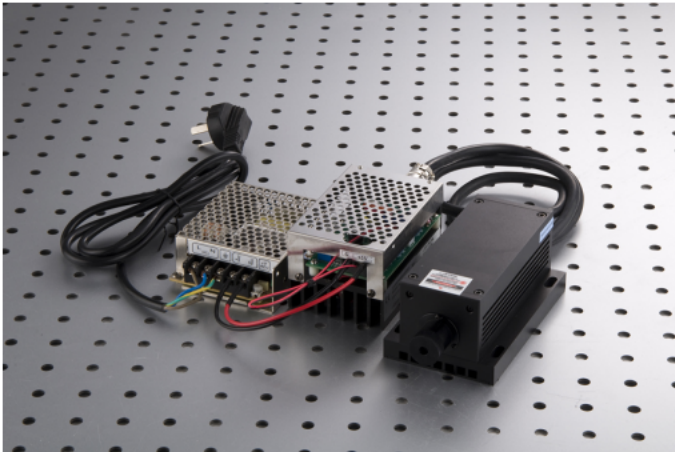
Specifications

Model No.	BDT-M1064-5-8W
Wavelength	1064(+/-20) nm
Spatial Mode	multimode
Output Power	5W, 8W
Operation Mode	CW or Modulation
Polarization	10:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e ²)	5mm
Beam Divergence	5mrad



Power Stability*	<±3% per 2 hrs
Beam Height	29mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M^2)	<2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF**	10,000 hrs
Laser head dimensions	155(L)x77(W)x60(H)mm ³
Power Supply	A. OEM type 100(L)x70(W)x55(H)mm ³ 85~265V 50/60Hz input
	C. Adjustable Lab type 178(W)x197(D)x84(H) mm ³
Modulation	0~30khz Analog or TTL

A. OEM type



C. Adjustable Lab type

