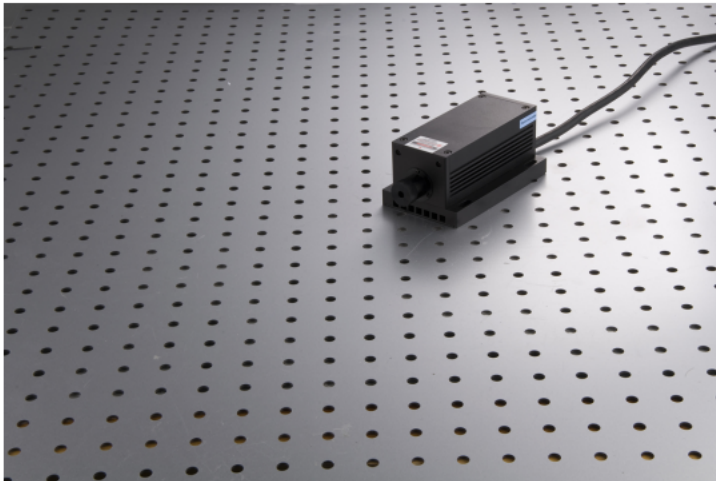




## 980nm Infrared Laser-10W



### FEATURES

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

### APPLICATIONS

- Thermal printing
- Material Inspection
- Scanning Biochemistry
- Lidar

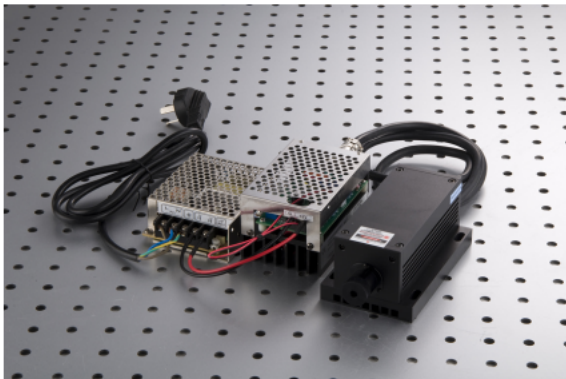
### Specifications

<b>Model No.</b>	<b>BDT-M980-4-10W</b>
Wavelength	980(+/-5) nm
Spatial Mode	multimode
Output Power	4W, 5W, 6W, 7W, 10W
Operation Mode	CW or Modulation
Polarization	10:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e <sup>2</sup> )	6 mm
Beam Divergence	2.5 mrad
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 <sup>3</sup>
Power Supply	A. OEM type 100(L)x70(W)x55(H)mm <sup>3</sup> 85~265V 50/60Hz input
	B. Adjustable type 178(W)x197(D)x84(H) mm <sup>3</sup>
Modulation	0~30kHz Analog or TTL

**A. OEM type**



**B. Adjustable type**

