

UV 375nm Diode Lasers

We offer UV diode lasers at the laser wavelength of 375nm with maximum laser power 200mW. These lasers are widely used in scientific, medical, industrial and entertainment applications.

- Laser power is stable and adjustable
- Protected with overheating and over current
- Can be externally controled with high speed modulation
- Suitable for scientific research, medical treatment, biological engineering, stage laser show, etc



List of UV Diode Lasers

Part Number	Wavelength	Laser Power
ST-I-DC-375-20	375nm	20mW
ST-I-DC-375-50	375nm	50mW
ST-I-DC-375-100	375nm	100mW
ST-I-DC-375-150	375nm	150mW
ST-I-DC-375-200	375nm	200mW

Detailed Specifications

Part Number	ST-I-DC-375-xxx
Wavelength (nm)	375
Operation Mode	CW
Beam Mode	TEM00
Output Power (mW)	20/50/100/150/200
Average Power Stability (Over 4hrs)	<1%/<3%/<5%
Beam Divergence (full angle, mrad)	1.2
Beam Diameter at Aperture (mm)	<1.5
Beam Height from Base Plate	27
Warm-up Time (min)	<10
Cooling	Air
Operation Tem. (°C)	15-35
Power Supply	ST-IIA(GT1)/ST-OEM-B(GT1)
Expected Lifetime (hrs)	10,000
Laser Head Dimension (mm)	136x50x47
Laser Head Weight (kg)	0.5
Power Supply Dimension (mm)	168x164x80/149x80.5x49
Power Supply Weight (kg)	1.5/0.5

Remarks: 1) In the part number, xxx means laser power in mW; 2) Other power levels available upon request; 3) There are 3 average power stabilities for all lasers and default is 5%; 4) There are 2 types of power supplies: integrated and OEM. The power input of integrated is 110V-220VAC and the power input of OEM is 12VDC.

