

1550nm Diode Laser

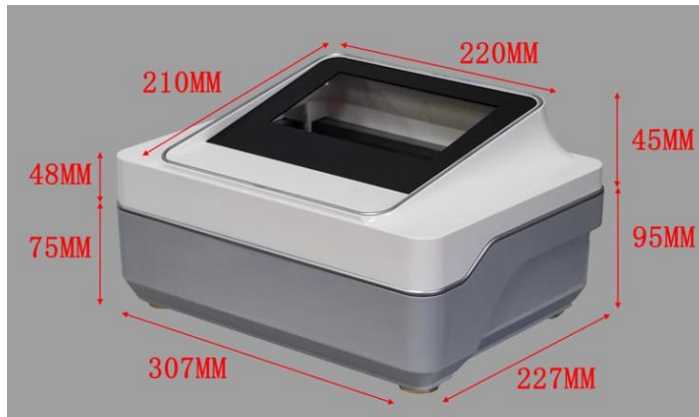


IR1550D2000-307x227x140-2

Applications

- Laser Medical Treatment
- Scientific Experiment
- Optical Instrument

Dimensions (Unit: mm)



Specifications

Model Number		IR1550D2000-307x227x140-2		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Height (mm)	-	227x140	-
	Length (mm)	-	307	-
	Weight (g)	-	-	2000
Housing Material		Anodic oxidation treatment		
Optical Specifications		Min	Typ	Max
Wavelength (nm) ⁽²⁾		1530	1550	1570
Output Power (mW)		1800	2000	-
Power Stability at const. Temperature ⁽¹⁾		-	+/-1%	-
Output Power Mode		CW		
Laser Class		4		

⁽¹⁾ after max. 10 minutes RMS

Beam Specifications		Min	Typ	Max
Fiber	Core Diameter(μm)	-	400	-
	NA	-	0.22	-
	Length(m)	1	-	2
Beam Mode Longitude		Multi		
Focusing mirror(mm)		12		
Polarization Ratio (Linear)		1:1	-	-
Electrical Specifications		Min	Typ	Max
Power Supply		100-240VAC		
Power Consumption (W)		-	40	-
Reliability		Min	Typ	Max
Operating Case Temperature Range ($^{\circ}\text{C}$)		15	25	35
Warm-up Time (minutes)		-	-	10
Storage Temperature ($^{\circ}\text{C}$)		0	-	40
Environmental Humidity (RH, %)		5	-	85
Lifetime (hours) (MTTF at 25°C)		5,000	-	-