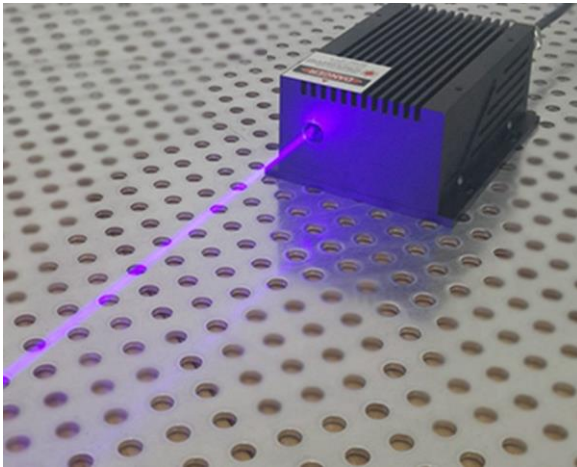


# LSR450H1

## 1000mW Blue Laser



1000mW 1W high power blue laser  
 Easy use & maintenance free  
 Long life operation  
 High efficiency  
 High reliability

### Specifications

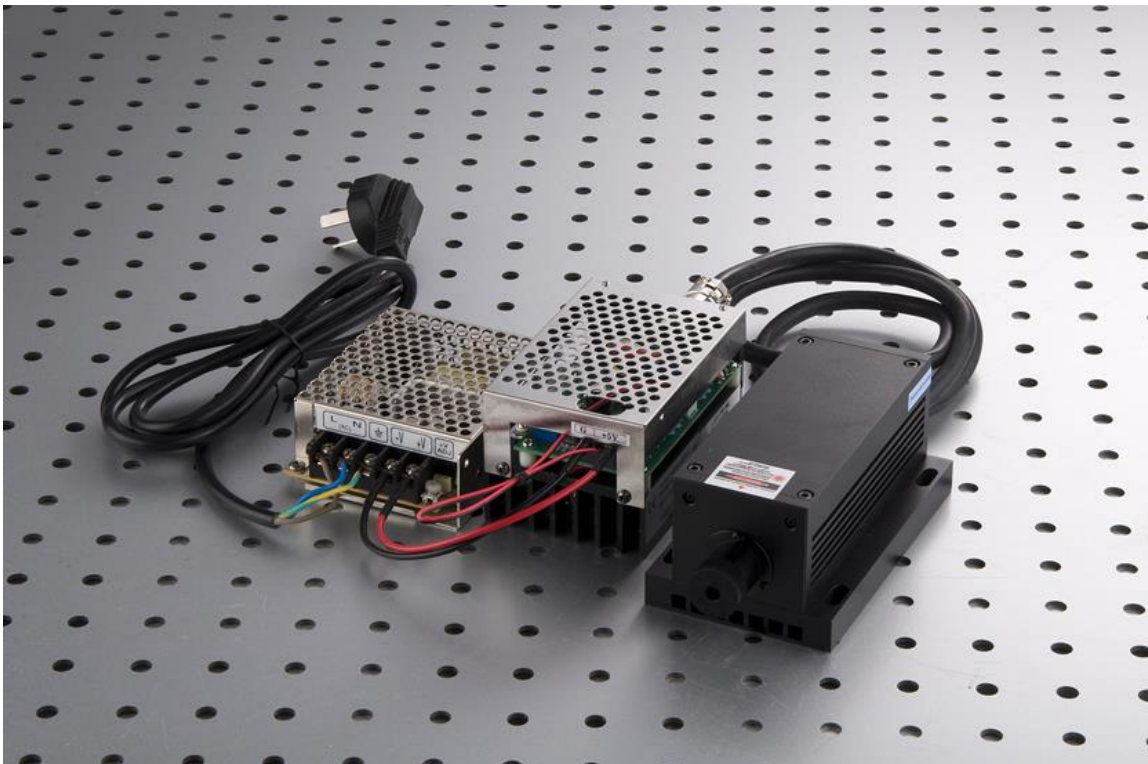
<b>Model No.</b>	<b>LSR450H1</b>
Wavelength	450 nm
Transverse Mode	Near TEM00
Output Power	1000mW
Operation Mode	CW or Modulation
Longitudinal mode	Multi Mode
Modulation	Analog or TTL modulation 0~30Khz
Line width	<3 nm
Polarization	>100:1
Beam Spot Shape	Circular, aspect ratio<1.1:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e <sup>2</sup> )	<3.5 mm
Beam Divergence	<1.5 mrad
Beam Height from Base	25mm
Power Stability*	<±3% per 2 hrs
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M <sup>2</sup> )	<2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF**	10,000 hrs
Dimensions	114(L)x44(W)x61(H)mm3
<b>Power Supply</b>	A. OEM type LSR-PS-NI: 100(L)x58(W)x32(H)mm3

# LSR450H1

## 1000mW Blue Laser

	AC/DC PSU: 85~265V 50/60Hz input
	C. Adjustable Lab type LSR-PS-FA: 179(W)x148(D)x56(H)mm <sup>3</sup>
Modulation	0~30kHz Analog or TTL

A. OEM type



# LSR450H1 1000mW Blue Laser

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## C. Adjustable Lab type

