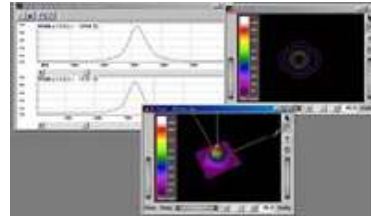


DPSS 457nm Deep Blue Laser



Specifications:

Model	SDL-457-XXXXT
Output Power	3000-9000mW
Wavelength	457±1nm
Operation Mode	CW, near TEM01
Power stability after warm-up	<1%, <3%, <5% (over 2/4/8 hours)
Warm-up time	<10 minutes
M2 factor	<2.0
Beam Divergence (1/e², Full Angle)	< 2.0mrad
Beam diameter at the aperture	~4.0mm
Beam height from base plate (mm)	93.5mm
Polarization ratio	>100:1
Point stability after warm-up	<0.05mrad
Noise of amplitude (rms, 1~20MHz)	~30%
Operating temperature	10-35°C
Dimensions of laser head	333 × 140 × 125mm
Power supply	SDL-PS-800
Dimensions of power supply	300 x 162 x 134mm
Modulation	TTL Modulation >10KHz or Analog Modulation >2Khz
Expect life time	10000 hours
Warranty time	1 year