

## LD PUMPED ALL-SOLID-STATE

### MID-IR LASER AT 450nm

#### YN-W-457

#### **Product Description:**

All solid state single longitudinal mode laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, interference, measurement, holography, physics experiment, etc.

#### *Specification:*

1	型号 Model No.TT	LSR457SD
2	波长 Wavelength	457+/-2nm
3	输出功率 Output power	1W~4W
4	工作方式 Operating mode	CW or Modulation
5	光斑模式 Spatial Mode	Multi—mode
6	光束高度 Beam Height	25mm
7	光束尺寸 Beam Size	4~5mm
8	光束发散角 Beam Divergence (full angle)	1.2×0.5mrad
9	功率稳定性 Power Stability	<3% per 4 hrs
10	温度稳定方式 Temperature Stabilizing	TEC
11	预热时间 Warm Up Time	<1 minute
12	使用寿命 MTF	10,000 hrs
13	激光器尺寸 Laser head dimensions	114(L)×44(W)×61(H)mm <sup>3</sup>
14	配套电源 Power Supply	LASER-5A
15	调制频率 Modulation	0~30khz Analog模拟 or TTL数字