

End-pumped solid-state laser

SKU:L1064-532-355



OVERVIEW

This LD end-pumped laser adopts a unique thermal compensation cavity design and Q-switching technology to ensure high beam quality and narrow pulse width of the laser. The main optical components in the cavity are all designed with locking mechanism, and are assembled and sealed in a class10000 clean room to ensure the normal use and long-term stability of the product in various complex environments.

Main uses: industrial processing, laser interference, scientific research, etc.



TECHNICAL SPECIFICATIONS

Laser wavelength	1064nm, 532nm, 355nm
Repeat frequency	10~200kHz
Repeat frequency	> 15w@1064nm, > 7W@532nm, > 2w@355nm
Pulse Width	< 20ns@60kHz
Spot Mode	TEM00
Spot Mode	M2<1.3
Exit spot size	3mm
Polarization state	Horizontal, polarization ratio > 100:1
Average power stability	< 2%(8 hours)
< 2%(8 hours)	< 5%
Cooling method	Air cooled
Laser head size	500mm×150mm×80mm
Power supply	220V AC
Ambient temperature	-20°C~50°C
Use environment humidity	< 90%
Use environment humidity	3g vibration, 15g shock