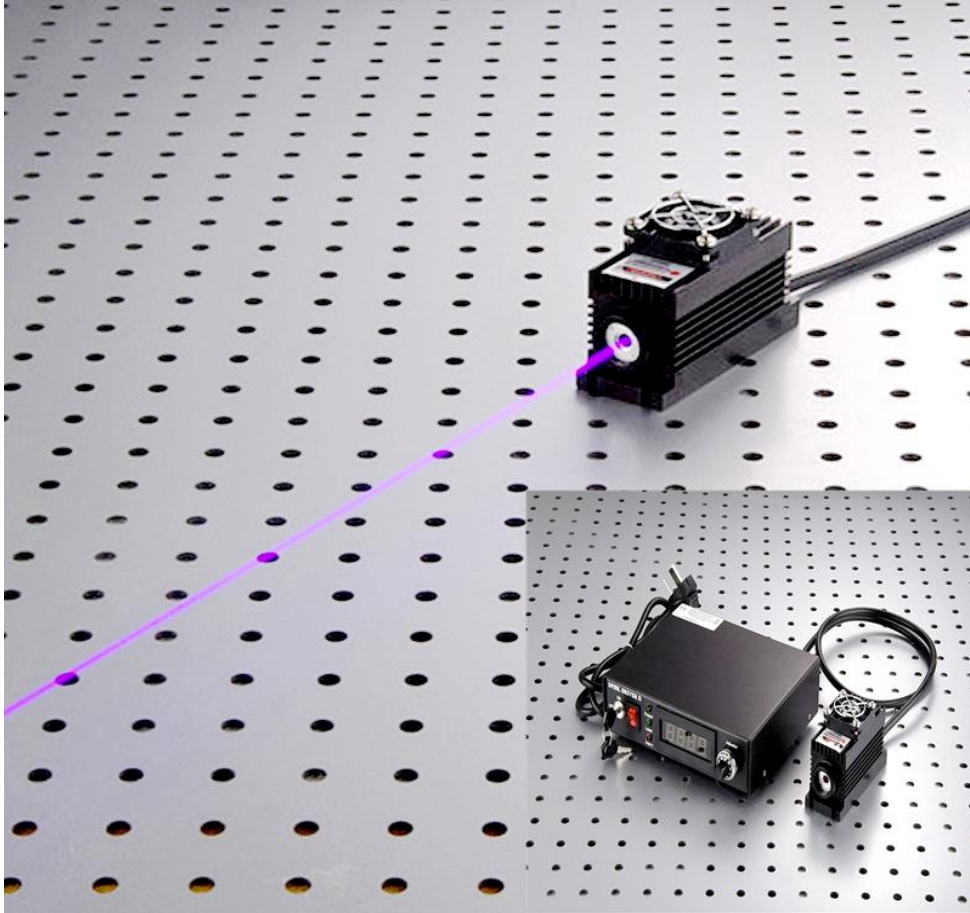

Collimated Gaussian Beam 405nm Laser Source

Collimated Gaussian Beam 405nm Solid State Laser Source with TEC cooled Analog TTL modulation. It can be fiber coupled.



TEM00 Gaussian
TEC cooled long life operation
Collimated beam
Analog/TTL modulation
High efficiency & reliability

APPLICATIONS:
Scanning Biochemistry
Confocal Microscopy
Flow Cytometry
Raman Microscopy
Material Inspection Lidar

Collimated Gaussian Beam 405nm Laser Source

Specs:

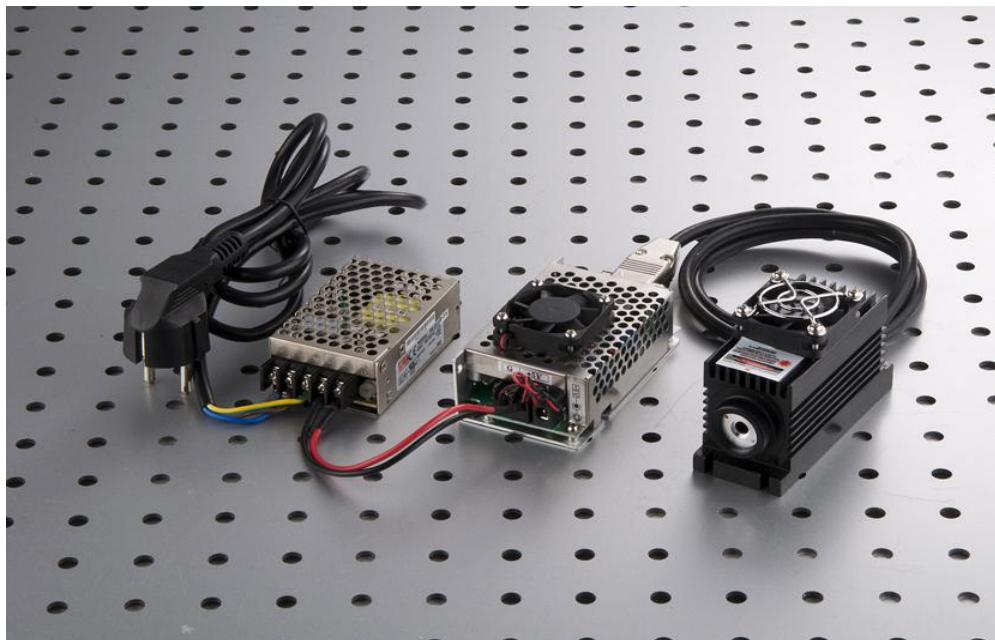
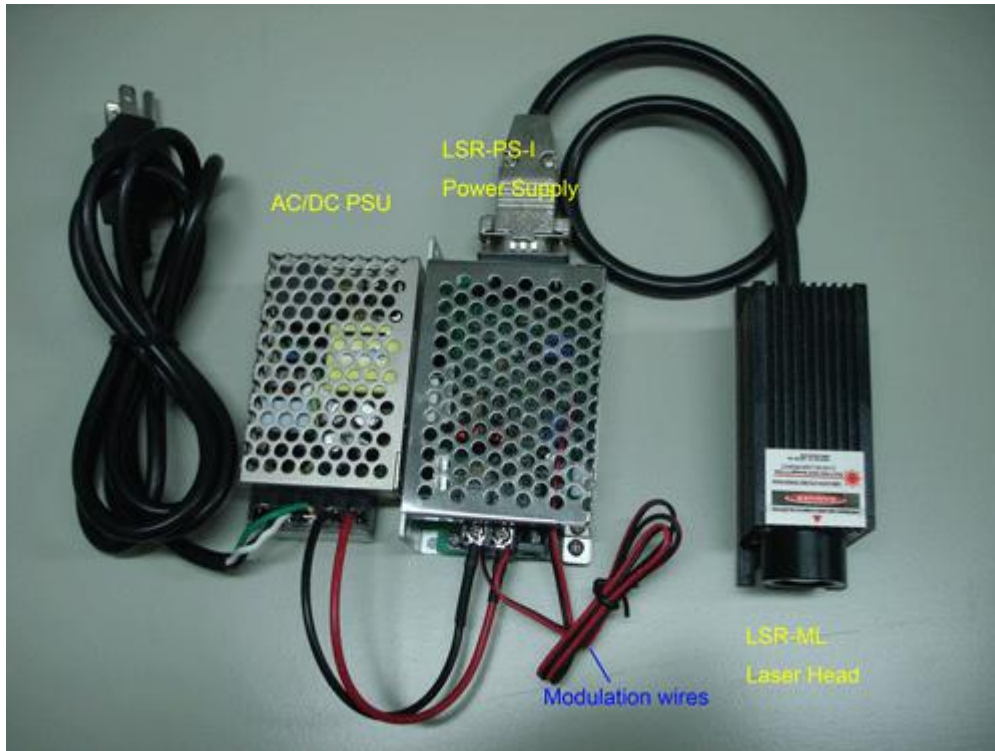
Wavelength 405 \pm 5 nm
Spatial Mode Multi mode
Output Power: 50mW,100mW,200mW
Spatial Mode: TEM00

Beam Quality M2 < 1.2
Beam Asymmetry <1:1.2
Beam height:25mm
Beam Size < 3.55mm
Beam Divergence (Full Angle):<0.3mrad
Power Stability: < 2% per 4 hrs

Fiber type:SM, MM
Operation Mode CW or Modulation
Temperature Stabilizing TEC
Warm Up Time <1 minute
MTTF 10,000 hrs
Laser head dimensions LSR-ML: 100(L)x34(W)x45(H)mm³
LSR-NL: 100(L)x40(W)x50(H)mm³

Collimated Gaussian Beam 405nm Laser Source

A. OEM type power supply LSR-PS-I+5V PSU



B. Lab type power supply LSR-PS-IIS

Collimated Gaussian Beam 405nm Laser Source



C. Lab Adjustable power supply LSR-PS-II

