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320nm UV Laser Diode Pumped Solid State TEM00 DPSS Laser



320nm UV Laser Diode Pumped Solid State Laser TEM00 DPSS with output power 10mW -50mW. The output power is customized according to customers requirements. If the max output power is 50mW, you can get any output power from 0mW- 50mW , just adjust the output power with the laser switch.

Main features for this UV 320nm diode pumped laser.

- TEC cooled
- Long life operation
- Analog/TTL modulation
- Collimated straight beam
- High efficiency
- High reliability

APPLICATIONS:

Biology , Biochemistry, Material Inspection

Output Wavelength: 320nm±5nm

Output Power: 20mW

Operating Mode: CW / Modulation

Spatial Mode: Near TEM00

Polarization: Linear

Beam Spot Shape: Aspect ratio<1.5:1

Pointing Stability: <0.05 mrad

Beam Diameter(1/e²): Near 1.2mm

Beam Divergence(Full Angle): Near 1.0 mrad

Beam Height: Near 45mm

Power Stability(rms, over 4 hours): <5%

Temperature Stabilizing: TEC

Warm Up Time: <5 minutes

Beam Quality(M2): <2

Optimum Operating Temperature: 20~30°C

Storage Temperature: 10~50°C

Laser Head Dimension: Near 211(L)x88(W)x74(H) mm

Power Supply: Lab Adjustable Power Supply

Warranty: 1 Year

Temperature Stabilizing TEC

Warm Up Time <1 minute

MTTF 10,000 hrs

