

EO-355-P-Subnano/1-130uJ

HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 355nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in Lidar, biomedicine, environmental monitoring, scientific research, and so on.

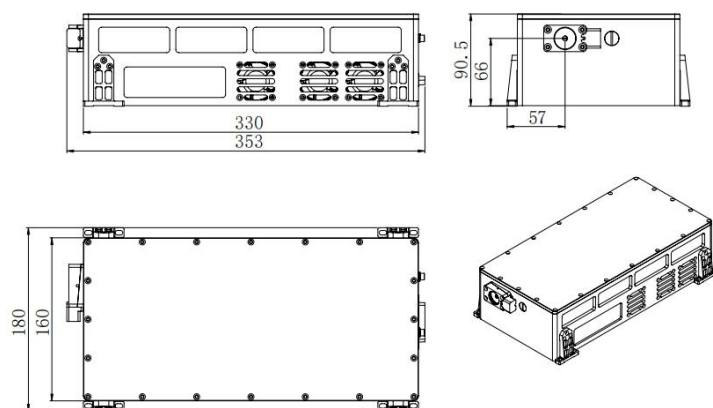


SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	Passively
Single pulse energy (uJ) ¹	1-130@2kHz
Pulse duration (ns)	<1
Rep. rate	500Hz, 1kHz, 2kHz (optional)
Energy stability (rms, 4 hours ±3°C)	<5%
Transverse mode	TEM ₀₀
M ²	≤1.5
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~3
Warm-up time (minutes)	<15
Beam height from base plate (mm)	66
Cooled method	Air cooled
Operating temperature (°C)	15-30
Power supply (110/220VAC)	PSU-EO-P-Subnano

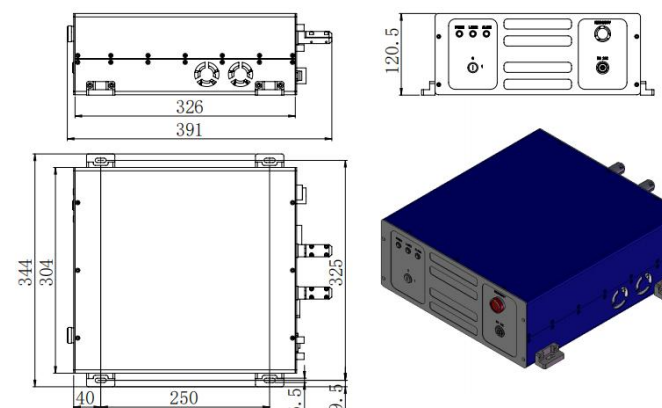


LASER HEAD



353(L)×180(W)×90.5(H)mm³, 6.5kg

POWER SUPPLY



391(L)×344(W)×120.5(H)mm³, 10kg

¹ One fixed value between 1-130uJ.

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