

DPS-1064-BS-D/30-100mJ

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

High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, ICP-MS, LCD repair, scientific research, and so on.

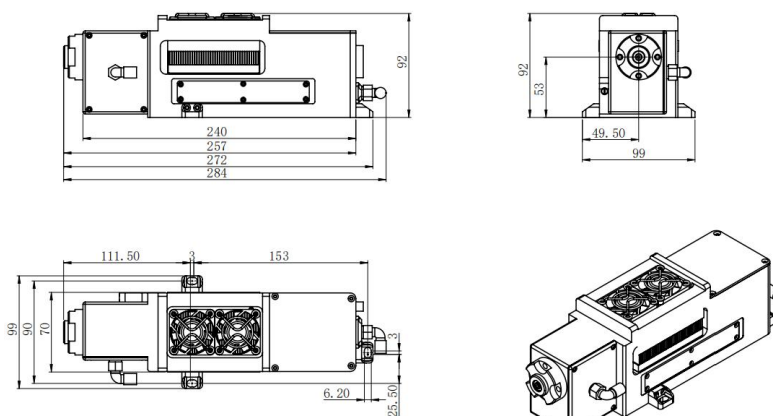


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Single pulse energy (mJ)	30-100
Pulse duration (ns)	<10
Jitter (ns, sdev)	<1ns (Int.)
Rep. rate ¹	1-20Hz (adjustable)
Energy stability (std dev/mean)	<2%, <1%, <0.5%
Beam divergence, full angle (mrad)	≤3
Beam diameter (mm)	~5
Warm-up time (minutes)	<15
Beam height from base plate (mm)	53
Cooled method	Air cooled
Operating temperature (°C)	15-30
Power supply	PSU-DPS-BS-D
Expected lifetime (pulses)	10 ⁹
Available options	Attenuator

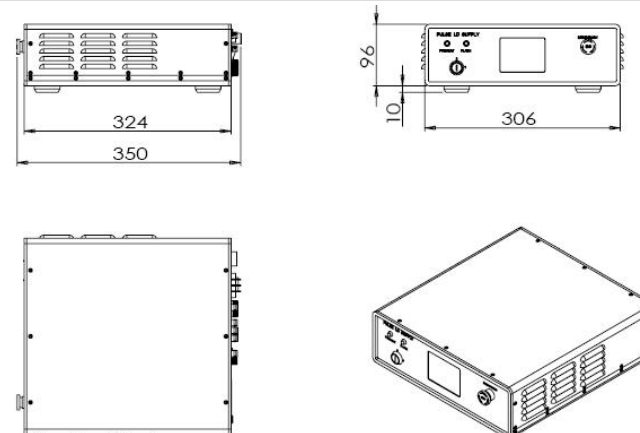


LASER HEAD



284(L)×99(W)×92(H)mm³, 2.5kg

POWER SUPPLY²



350(L)×306(W)×106(H) mm³, 6kg

1 Both internal trigger and external trigger are acceptable.

2 Rep. Rate and current can be adjusted by touch screen.

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