

EO-532-Subnano/1-500μJ/1-3W

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

High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in biomedicine, environmental monitoring, scientific research, and so on.

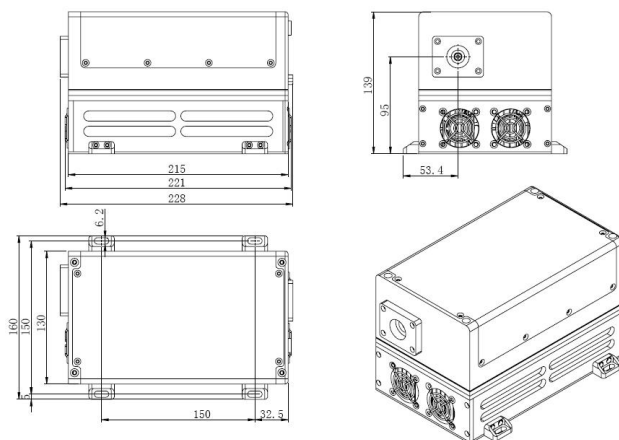


SPECIFICATIONS

Wavelength (nm)	532±1nm	
Operating mode	Actively	
Single pulse energy (uJ)	1-500uJ@1kHz	1-300uJ@10kHz
Average power	1-500mW@1kHz	1-3W@10kHz
Power stability (rms, 4 hours ±3°C)	<5%, <3%	
Pulse duration (ns)	<1.5ns@1kHz	
Rep. rate	1-10kHz (adjustable)	
Beam diameter (mm)	~1mm	
Beam divergence, full angle (mrad)	<3mrad	
Beam height from base plate (mm)	95	
Cooled method	Air cooled	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15-30	
Power supply (110/220VAC)	PSU-EO-Subnano	
Expected lifetime (hours)	>10000h	

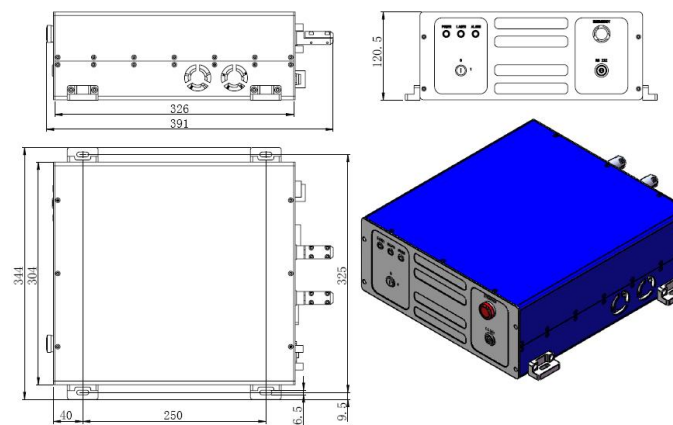


LASER HEAD



228(L)×160(W)×139(H)mm³, 7kg

POWER SUPPLY



391(L)×344(W)×120.5(H)mm³, 10kg

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