

EO-532-D/1-2mJ

SPECIFICATIONS

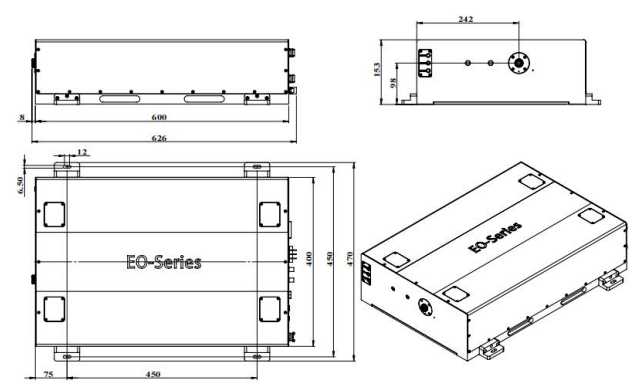
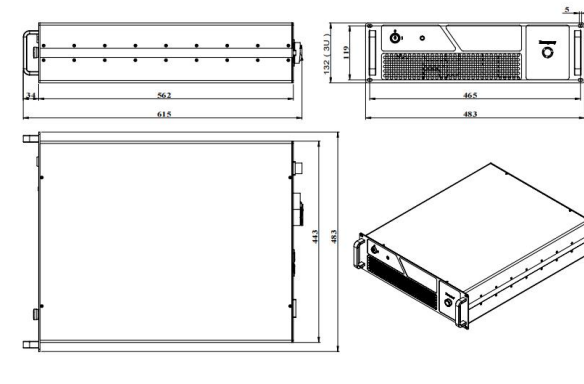
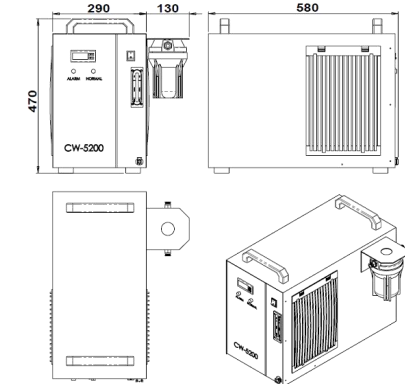
**HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
Q-SWITCHED LASER**

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 topography measurement, marking, ranging, glass carving, micro-processing, scientific research, and so on.



Wavelength (nm)	532±1
Operating mode	Actively
Single pulse energy (mJ)	1-2@5kHz
Pulse duration (ns)	<10@5kHz
Rep. rate	1-5kHz (adjustable)
Power stability (rms, 4 hours ±3°C)	<5%, <3%, <2%
M ²	<1.5
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~1
Beam height from base plate (mm)	98
Warm-up time (minutes)	<15
Cooled method	Water cooled
Operating temperature (°C)	15-30
Power supply (110/220VAC)	PSU-EO-D
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY	WATER CHILLER (WCH-1500)
 600(L)×470(W)×153(H)mm³, 40.5kg	 615(L)×483(W)×132 (H)mm³, 15.5kg	 580(L) ×290(W) ×470(H) mm³, 24 kg

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