

DPS-1573-Q/5-25mJ

SPECIFICATIONS

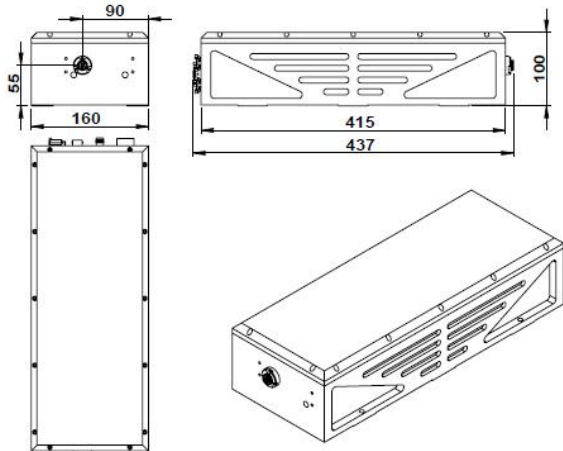
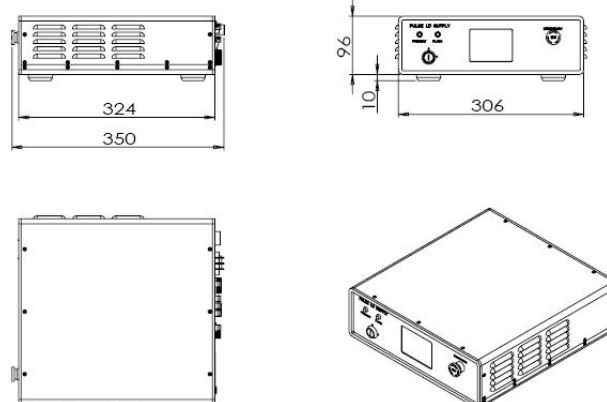
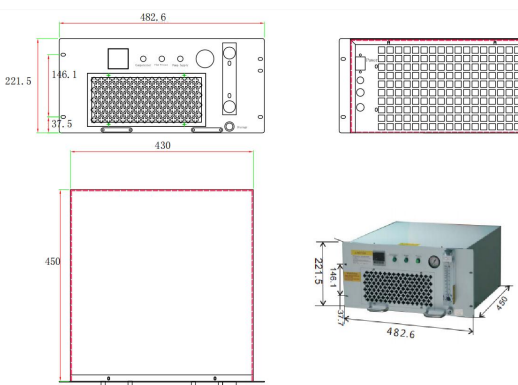
HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 1573nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in measurement, remote sensing, visualization, scientific research, and so on.



Wavelength (nm)	1573±1
Operating mode	Actively
Single pulse energy (mJ) ¹	5-25
Energy stability (rms, 4 hours ±3°C)	<5%, <3%
Pulse duration (ns)	<8
Jitter (ns, sdev)	<1ns (Int.)
Rep. Rate	1-50Hz (adjustable)
Beam diameter(mm)	~3
Beam divergence, full angel (mrad)	<8
Warm-up time (minutes)	<15
Bean height from base plate (mm)	55
Cooled method	Water cooled
Operating temperature(°C)	15-30
Power supply (110/220VAC)	PSU-DPS-Q
Expected lifetime (pulses)	>10 ⁹



LASER HEAD	POWER SUPPLY ²	WATER CHILLER (WCH-600)
 437(L) × 160(W) × 100(H) mm³, 7.5 kg	 350(L) × 306(W) × 106(H) mm³, 6kg	 450(L) × 482(W) × 221(H) mm³, 25 kg

1 Any energy level can be selected in this range.

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

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