

DPS-266-Q/2-5mJ

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

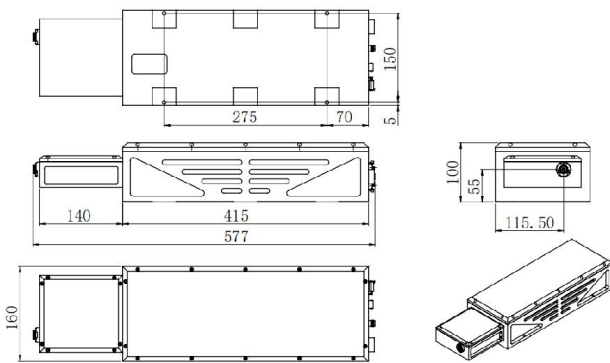
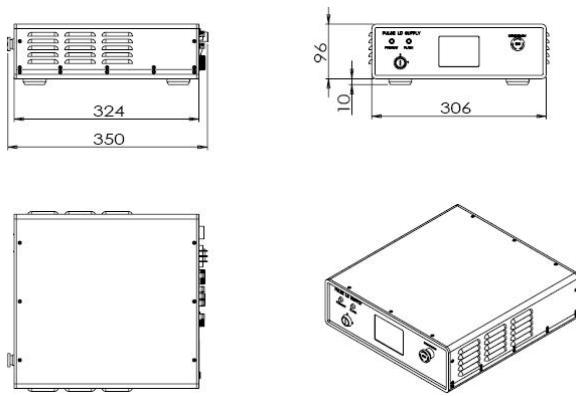
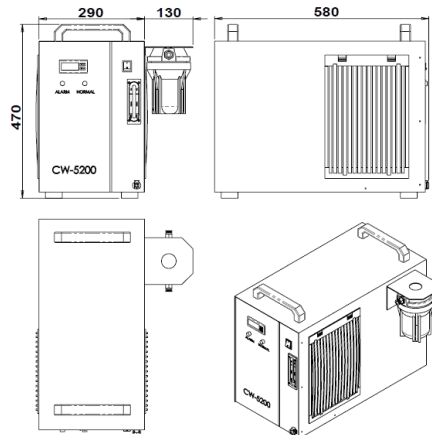
High energy diode pumped all solid state Q-switched laser at 266nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, PIV, ICP-MS, LCD repair, scientific research, laser processing, and so on.



SPECIFICATIONS

Wavelength (nm)	266±1	
Operating mode	Actively	
Single pulse energy (mJ)	1-2	2-5
Pulse duration (ns)	<10	
Jitter (ns, sdev)	<1ns (Int.)	
Rep. rate ¹	1-100Hz (adjustable)	
Energy stability (std dev/mean)	<5%	
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~2	~2.5
Warm-up time (minutes)	<15	
Beam 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-1500)
 577 (L) × 160 (W) × 100 (H) mm³, 8 kg	 350 (L) × 306 (W) × 106 (H) mm³, 6 kg	 580 (L) × 290 (W) × 470 (H) mm³, 24 kg

1 Both internal trigger and external trigger are acceptable.

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

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