

DPS-266-Q/2~5mJ

SPECIFICATIONS

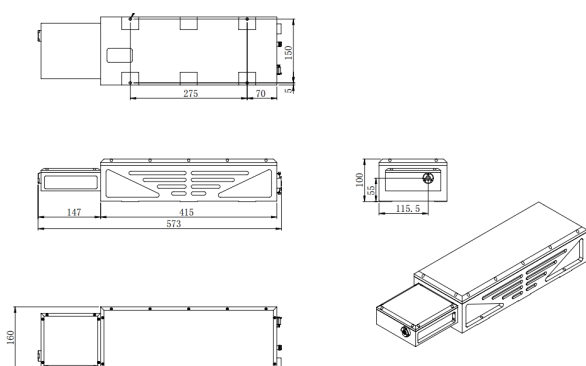
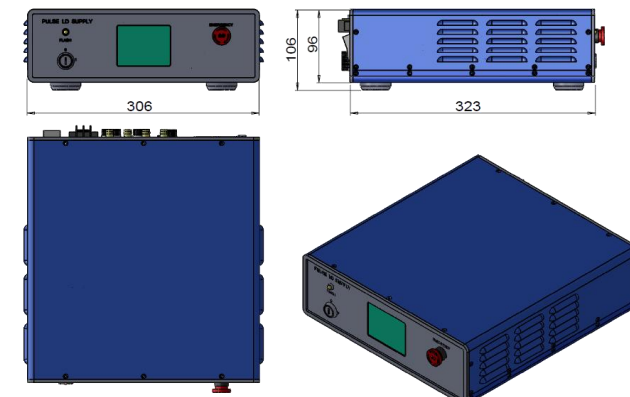
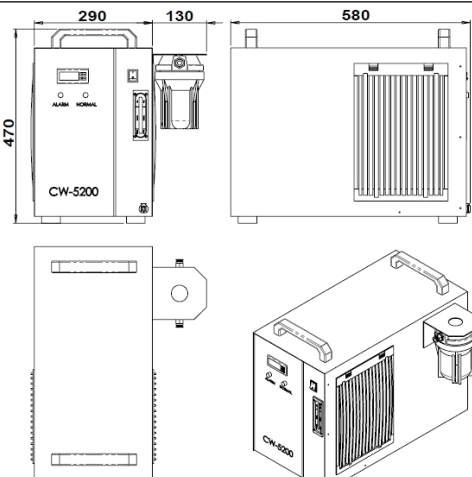
**HIGH ENERGY DIODE PUMPED  
ALL-SOLID-STATE  
Q-SWITCHED LASER**

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.



Wavelength (nm)	266±1	
Operating mode	Q-switched: EOM (Electro-optic modulation)	
Single pulse energy (mJ)	2	5
Pulse duration (ns)	<10	
Rep. rate (Hz)	1~100 (adjustable)	
Energy stability	<5%, <4%	
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 (220VAC)	PSU-DPS-Q-I	
Expected lifetime( pulses)	10 <sup>9</sup>	
Warranty period	1 year	



DPS-266-Q	PSU-DPS-Q-I	Water Chiller (WCH-1500)
 <p>573 (L) × 160 (W) × 100 (H) mm<sup>3</sup>, 8 kg</p>	 <p>Rep. Rate and Current can be adjusted by touch screen 323 (L) × 306 (W) × 106 (H) mm<sup>3</sup>, 6 kg</p>	 <p>580(L) × 290(W) × 470(H) mm<sup>3</sup>, 24 kg</p>