

DPS-266-Q/2~5mJ

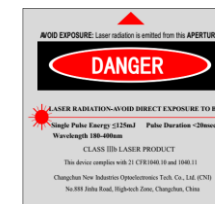
SPECIFICATIONS

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, military, 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	<4%, <5%, <10%	
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 ⁹	
Warranty period	1 year	



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