

DPS-355-Q/2~10mJ

SPECIFICATIONS

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

High energy diode pumped all solid state Q-switched laser at 355nm 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)	355±1		
Operating mode	Q-switched: EOM (Electro-optic modulation)		
Single pulse energy (mJ)	2	5	10
Pulse duration (ns)	<10		
Rep. rate (Hz)	1~100 (adjustable)		
Energy stability	<4%		
Beam divergence, full angle (mrad)	<3		
Beam diameter (mm)	~2	~2.5	~3
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-355-Q	PSU-DPS-Q-I	Water Chiller
<p>525 (L) ×160(W) ×100(H) mm³, 8 kg</p>	<p>Rep. Rate and Current can be adjusted by touch screen 323 (L) ×306(W) ×106(H) mm³, 4 kg</p>	<p>580(L) ×290(W) ×470(H) mm³, 24 kg</p>