

长春新产业光电技术有限公司

Changehun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

DPS-355-Q/2~10mJ

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.









SPECIFICATIONS

Wavelength (nm)	355±l			
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 ($^{\circ}$ C)	15~30			
Power supply (220VAC)	PSU-DPS-Q-I			
Expected lifetime (pulses)	10 ⁹			
Warranty period	1 year			

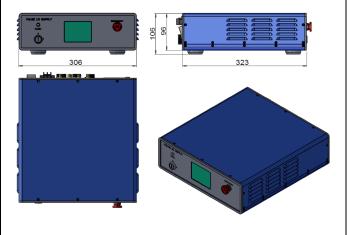




DPS-355-Q

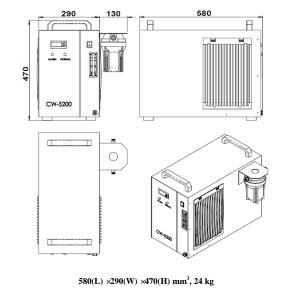
525 (L) ×160(W) ×100(H) mm³, 8 kg

PSU-DPS-Q-I



Rep. Rate and Current can be adjusted by touch screen 323 (L) $\times\!306(W)\times\!106(H)~mm^3$, 4 kg

Water Chiller



【OKYO.株式会社光響 http://www.symphotony.com/ メール:info@symphotony.com