

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, and so on.



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|------------------------------------|--|------|----|
| 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 | <3%, <5% | | |
| 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, 6 kg</p> | <p>580(L) ×290(W) ×470(H) mm³, 24 kg</p> |