

355nm Solid State Laser



355nm Solid State Laser & Included Power Supply, #39-182



Stock **#39-182** 1 In Stock

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1

+

£12,400⁰⁰

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Volume Pricing	
Qty 1-4	£12,400.00 each
Qty 5+	£11,160.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads



General

Warm-Up Time (minutes):	
<10	
Laser Class - CDRH:	
IIIb	
Mean Time to Failure MTTF (hours):	
5000	

Physical & Mechanical Properties

321.0 x 99.0 x 94.0	Dimensions (mm):
70	Beam Height from Base Plate (mm):

Optical Properties

25:1	Polarization:
355.00	Wavelength (nm):
<1.2	Mode Quality, M²:
±1	Wavelength Tolerance (nm):
1.0	Beam Diameter (mm):
<1.5	Beam Divergence (mrad):
UV	Color:
<2	Pulse Duration (ns):
2.45	Single Pulse Energy (µJ):

Electrical

<2% RMS over 4 hours	Power Stability (%):
22	Average Output Power (mW):
9	Repetition Rate (kHz):

Hardware & Interface Connectivity

Power Supply Included. Dimensions: 307.0 x 150.0 x 106.0mm	Power Supply:
100-240VAC	Power Requirement:
Free Space	Output Type:

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:

Product Details

- Class IIIb High Power Lasers
- 10mW Average Power
- <2ns Pulse Duration
- 355nm Frequency Converted Q-Switched

355nm Solid State Lasers are diode-pumped and generate UV light by frequency conversion of Q-Switched pulses. These lasers feature pulse durations less than 2ns and an average output power of 10mW. 355nm Solid State Lasers feature a compact form factor and are used for high power UV applications including UV curing, laser medical treatments, and micro-electronics manufacturing. An integrated thermoelectric cooler (TEC) promotes a long expected lifetime of 5000 hours.

Note: Power supply included.