

355nm Solid State Laser



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



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

⊖ 1 ⊕ **A\$24,800⁰⁰**

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Volume Pricing	
Qty 1-4	A\$24,800.00 each
Qty 5+	A\$22,320.00 each
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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.