

[See all 8 Products in Family](#)

## 355nm Solid State Laser



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



Stock **#39-182** [CONTACT US](#)

- 1 + **C\$21,700<sup>00</sup>**

**ADD TO CART**

### Volume Pricing

Qty 1-4	<b>C\$21,700.00</b> each
Qty 5+	<b>C\$19,530.00</b> each
Need More?	<a href="#">Request Quote</a>

### 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, M<sup>2</sup>:**

±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.