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## 355nm Solid State Laser



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



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

- 1 + €15.500<sup>00</sup>

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Volume Pricing	
Qty 1-4	€15.500,00 each
Qty 5+	€13.950,00 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 MTF (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,  $M^2$ :

±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.