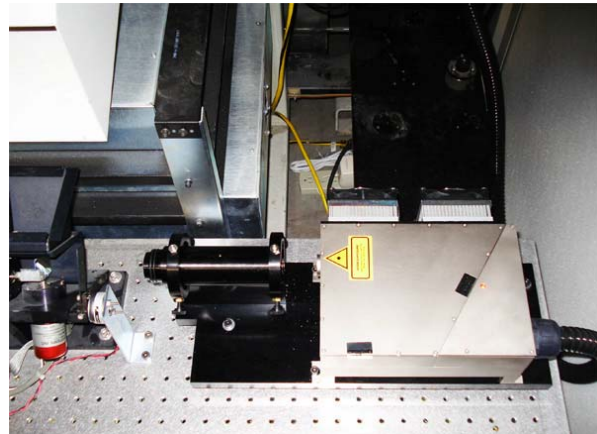


Q-Switched Harmonic Diode-Pumped Solid-State Lasers for SLA[®]500*



Advantages

- 24/7 proven reliability
- Field-replaceable pumping diode
- Brand-new focusing optics
- Hermetically sealed pumping diodes
- Low operational cost
- Excellent beam quality, pulse and pointing stability
- Patent pending harmonic conversion technologies
- Ultra-compact and low weight

Awave UV series lasers are Q-switched solid-state lasers engineered for highly demanding 24/7 production environments in SL Systems, consisting of a laser head and a laser power supply connected with a ~2.5 meter umbilical cable.

The hermetically sealed pumping diodes are located in the laser power supply for easy field-replacement. The laser head is hermetically packaged in a clean room. Awave UV series lasers can be configured with pulse frequencies up to 200 kHz.

*Lasers also available for SLA250 systems

Laser Specifications

Wavelength	Pulse Repetition Rate	Beam Roundness	Typical Lifetime	Available Power	Beam Diameter
355nm	Up to 200kHz	>90%	10,000hrs	>800mW	0.008" – 0.012"

Utility and Environmental Requirements

Operating Voltage	Line Frequency	Cooling	Ambient Temp.	Storage Temp.
90-260 VAC	47-63 Hz	Air-cooling	15-30°C	- 10 ~ 50°C

www.A-optowave.com

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Advanced Optowave Corporation follows a policy of continuous product improvement. Specifications are subject to change without notice. Advanced Optowave Corporation offers a limited warranty for all our Awave Series laser systems. For full details on warranty coverage, or for further product information, please contact Advanced Optowave Corporation. "SLA" is a registered trademark of 3D Systems