

266 nm LD Pumped All-solid-state AOM Q-switched Pulse UV Laser AO-W-266

Model #: AO-W-266

Description: LD pumped all-solid-state AOM Q-switched 266nm UV laser, pulse width as short as typically 10ns, 1 ~ 20 μ J pulse energy, 1 ~ 200 mW average power.

Features: Single pulse energy up to 20 μ J, high peak power, high repetition rate, short pulse duration.


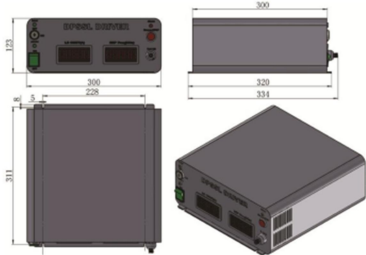
Application: Marking, carving, measurement, lab applications etc.

Specifications

Wavelength (nm)	266 \pm 1
Operating Mode	Acoustic Optical Q-switched pulsed laser
Average Output Power (mW)	1 ~ 200 (200mW at 10kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single Pulse Energy (μ J)	1 ~ 20 (20 μ J@10kHz, 5 μ J@20kHz)
Peak Power (kW)	0.5~ 2 (2W@10kHz)
Pulse Duration (ns)	Typ. 10 ~ 15@<10kHz, varies with power and rep. rate
Average power stability (over 4 hrs.)	<5%, <3%
Warm-up Time (minutes)	<10
Beam Divergence, full angle (mrad)	<3.5
Beam Diameter at the Aperture (1/e ² , mm)	~ 2.0
Beam Height from Base Plate (mm)	93.5
Operating Temperature (°C)	10 ~ 30
Power Supply (90-264VAC)	PSU-AOM
Expected Life Time (hrs.)	5000
Warranty Period	1 year

Ordering Information: AO-W-266-A-B

A: average power, pulse energy	B: power stability
1 -10mW@10kHz, 1 μ J	10 – 10%
3 - 30mW@10kHz, 3 μ J	5 – 5%
5 - 50mW@10kHz, 5 μ J	
10 - 100mW@10kHz, 10 μ J	

AO-W-266	PSU-W
 <p data-bbox="428 617 719 640">421 (L)×140(W)×124.3(H) mm³, 6.0 kg</p>	 <p data-bbox="935 625 1261 648">334 (L)×300 (W)×123 (H) mm³, 6.8 k</p>

