

AO-S-266/ 1-5μJ/1-10mW

**LD PUMPED ALL-SOLID-STATE
ACOUSTO-OPTIC Q-SWITCHED
LASER AT 266 nm**

All solid state acousto-optic Q-switched laser at 266 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in material processing, measure, scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	266±1
Operating mode	Acousto-optics Q-switched
Single pulse energy (μJ)	1~5 (5μJ@1kHz;1 uJ@5kHz)
Rep.rate(kHz)	0.1~5
Pulse duration (ns)	Typically~ 4ns, Varies from power and repetition
Average power (mW)	Average power (mW)= Single pulse energy (μJ)* Rep. rate(kHz)
Power stability (rms,over 4 hours)	<3%, <5%, <10%
Transverse mode	Near TEM ₀₀
M ² factor	<2
Beam diameter at the aperture (mm)	Elliptical (4:1), Beam spot ~1.5×0.4mm
Warm-up Time (minutes)	<10
Beam height from base plate (mm)	30
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-AOM-DL
Expected lifetime(hours)	5000
Warranty	1year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

AO-S-266	PSU-AOM-DL
<p>180(L) × 120(W) × 60 (H) mm³, 2.14kg</p>	<p>270 (L) × 214(W) × 99(H) mm³, 3.55 kg</p>