



EO-266W/3W/60uJ



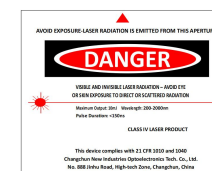
**LD PUMPED ALL-SOLID-STATE
UV EOM Q-SWITCHED LASER**

All solid state EOM 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 marking, carving, measure, research and so on.



SPECIFICATIONS

Wavelength (nm)	266±1
Operating mode	Actively
Average power (W)	3@50kHz Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	>60@50kHz
Rep. rate ¹	10-100kHz
Pulse duration (ns) ²	<5
Power stability (rms, 4 hours ± 3°C)	<2%, <1%
Transverse mode	TEM ₀₀
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~2
Polarization ratio	>100:1 Vertical
Beam height from base plate (mm)	150
Warm-up time (minutes)	<10
Cooled method	Water cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	24V/31.1A
Expected lifetime (hours)	>10000



LASER HEAD (Driver Integrated)	POWER SUPPLY (100-240VAC)	WATER CHILLER (5U03)
<p>685 (L) × 456 (W) × 150 (H) mm³</p>	<p>350 (L) × 164 (W) × 98 (H) mm³</p>	<p>613 (L) × 482 (W) × 221.5 (H) mm³, 28 kg</p>

1 Other rep.rate range available on request.

2 Pulse width not tunable, the value varies with different frequency.