



**EO-335 /1W/100uJ**



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

All solid state EOM Q-switched laser at 335nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research, etc.



## SPECIFICATIONS

Wavelength (nm)	335±1
Operating mode	Actively
Average power (W)	1@10kHz Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	>100@10kHz
Rep. rate <sup>1</sup>	10kHz
Pulse duration (ns) <sup>2</sup>	<5
Power stability (rms, 4 hours ± 3°C)	<3%,<2%, <1%
Transverse mode	TEM <sub>00</sub>
M <sup>2</sup>	<1.2
Beam divergence, full angle (mrad)	<4
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~0.8
Beam height from base plate (mm)	86
Warm-up time (minutes)	<10
Cooled method	Air cooled
Operating temperature (°C)	10~35
Operating voltage (VDC)	24V/31.1A
Expected lifetime (hours)	>10000



**LASER HEAD (Driver Integrated)**

**POWER SUPPLY (100-240VAC)**

1 Other rep.rate range available on request.

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