

MPL-C-266/0.1~10uJ/1~30mW

LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 266 nm UV laser is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc. THG automatic moving design, extending the life of ultraviolet laser.

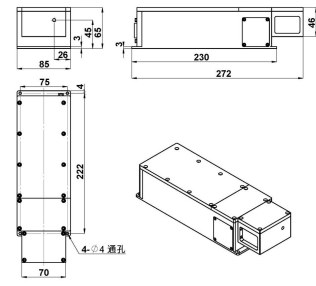
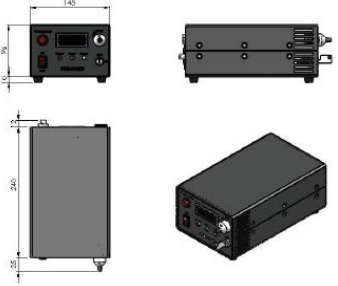
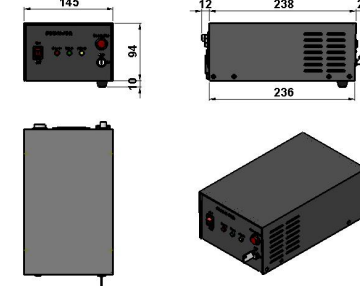


SPECIFICATIONS

Wavelength (nm)		266±1	
Operating mode		Frequency conversion of Q-switched pulsed laser	
Max average power (mW)		1~30	~10
Single pulse energy (μJ)		0.1~3	~10
Pulse duration (ns)		~4	~1.0
Peak power(W)		25~750	~10000
Rep. rate (kHz)	FIXED	Specified One rep. rate, such as 3kHz, 4kHz, 5kHz with stable laser pulses emitting (stable pulse energy, peak, duration and period).	
	EXT TRIG	Different rep. rate in the range of 3kHz-5kHz can be obtained by input an external TTL signal.	
	QCW	Undefined rep. rate among 9k-12kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.	
Average power (mW)		Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)	
Ave power stability (over 4 hours)		<5%, <10%	
Transverse mode		Near TEM ₀₀ , elliptical	
Beam diameter at the aperture(mm)		<1.2mm	
Warm-up time (minutes)		<10	
Beam height from base plate (mm)		45	
Operating temperature (°C)		10~35	
Power supply (90-264VAC)		PSU-H-LED/PSU-H-FDA	
Expected lifetime (hours)		10000	
Warranty period		1 year	
Remarks		Please Note: because of the Walk-off effect of Nonlinear crystals, the beam quality of UV laser is not so good as that of 1064/532nm laser.	



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

MPL-C-266	PSU-H-LED	PSU-H-FDA
 <p>272 (L)×85(W)×65(H) mm³, 2.2kg</p>	 <p>277(L)×145(W)×106 (H) mm³, 2.6 kg</p>	 <p>275(L)×145 (W)×104 (H) mm³, 2.3 kg</p>