

LD PUMPED ALL-SOLID-STATE UV LASER

MPL-Q-266/0.1~3uJ/1~30mW



产品描述

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.

产品参数

MPL-F-266/0.1~3uJ/1~30mW		
Wavelength (nm)	266±1	
Operating mode	Frequency conversion of Q-switched pulsed laser	
Max average power (mW)	1~30	
Single pulse energy (μJ)	0.1~3	
Pulse duration (ns)	~4 ~1.3	
Peak power(W)	25~750 75~2300	
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)	35	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA	
Expected lifetime (hours)	5000	
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.	