

LD PUMPED ALL-SOLID-STATE UV LASER

RN-N-266/0.1~10uJ/1~120mW



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

RN-N-266/0.1~10uJ/1~120mW			
Central wavelength (nm)	266±1		
Output average power (mW)	1~30	20~30	30~120
Transverse mode	Near TEM ₀₀ , elliptical		
Operating mode	Frequency conversion of Q-switched pulsed laser		
Single pulse energy (μJ)	0.1~3	2~3	~10
Pulse duration (ns)	~1.3	~5	~6
Peak power(W)	80~2300	400~600	~1700
Rep. rate (kHz)	FIXED	Setting up one fixed rep. rate internal between 3kHz-5kHz with stable pulse energy, pulse duration and pulse period	
	EXT TRIG	3kHz-5kHz by external trigger with stable pulse energy, pulse duration and pulse period	
	QCW	QCW state with one rep. rate between 10kHz-15kHz	
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)		
Ave power stability (over 4 hours)	<5%, <10%		
Beam parameters	Elliptical (4:1), Beam spot 0.5*2mm		
Warm-up time (minutes)	<10		
Beam height from base plate (mm)	70		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-N-LED / PSU-N-FDA		
Cooling system	Air		
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		

