

LD PUMPED ALL-SOLID-STATE UV LASER

RN-W-266/5~30μJ/50~600mW



产品描述

All solid state 266nm UV laser is made features of ultra compact, long lifetime, 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-W-266/5~30μJ/50~600mW		
Wavelength (nm)	266±1	
Operating mode	Passively Q-switched	
Average power (mW)	50~600	
Single pulse energy (μJ)	5~30	
Pulse duration (ns)	~5	
Peak power (kW)	1~6	
Rep. rate (kHz)	FIXED	Setting up one fixed rep. rate internal between 1kHz-4kHz with stable pulse energy, pulse duration and pulse period.
	EXT TRIG	1kHz-4kHz by external trigger with stable pulse energy, pulse duration and pulse period.
	QCW	QCW state with one rep. rate between 10kHz-20kHz
Ave power stability	<3%, <5%	
Transverse mode	Near TEM00	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (1/e ² , mm)	~2.0	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	93.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA
Expected lifetime (hours)	8000	
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	