

LD PUMPED ALL-SOLID-STATE

AOM Q-SWITCHED LASER AT 320 nm

RN-XF-320/1~6μJ/1~80mW



产品描述

All solid state 320nm UV laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is used in DNA sequencing, flow cytometry, cell sorting, optical instrument, spectrum analysis, measurement, physics experiment, laser rapid modeling, etc.

产品参数

RN-XF-320/1~6μJ/1~80mW	
Wavelength (nm)	320±1
Operating mode	Acousto-Optic Q-switched
Average power (W)	1~8(60mW@10kHz,80mW@20kHz) Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	1~6 (6μJ @10kHz,4μJ @20kHz)
Rep. rate (kHz)	10~20
Pulse duration (ns)	<30@10~20kHz, varies from power and repetition
Peak power (KW)	0-0.2(0.2kW@10kHz)
Ave power stability (over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e ² ,mm)	~1.5
Beam height from base plate (mm)	On request
Cooled method	Water cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	On request
Expected lifetime (hours)	10000
Warranty period	1 year

