

## LD PUMPED ALL-SOLID-STATE Q-SWITCHED UV LASER at 289nm

RN-K -295/1~50mW

### 产品描述

CNI's All solid state Q-switched UV laser at 289nm has the features of ultra compact, easy operating, it is widely used in UV curing, micro-electronics, metrology and material processing ,laser medical treatment, scientific experiment, etc

### 产品参数

RN-K -295/1~50mW	
Central wavelength (nm)	295±2
Operating mode	Acousto-Optic Q-switched
Output power (mW)	1-50
Rep. rate (kHz)	10
Pulse duration (ns)	10±2
Single pulse energy (μJ)	1~5
Peak power(W)	500W@10kHz@50mW
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	Elliptical (1:2), Beam spot1.5*3mm;
Beam divergence, full angle (mrad)	<1
Power stability (rms, over 4 hours)	<3%, <5%,
Beam height from base plate (mm)	120
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Power supply	PSU-AOM
Expected lifetime (hours)	5000
Warranty period	1 year

