

## LD PUMPED ALL-SOLID-STATE EOM

### Q-SWITCHED LASER AT 223 nm

RN-XS-223/1~3μJ/1~30mW



#### 产品描述

All solid state EOM Q-switched laser at 223 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

#### 产品参数

RN-XS-223/1~3μJ/1~30mW	
Wavelength (nm)	223±1
Operating mode	Electro-optic Q-switched
Average power (mW)	1~30mW (30mW@10kHz)
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)
Single pulse energy (μJ)	3μJ @10kHz
Rep. rate (kHz)	10
Pulse duration (ns)	~4 @10kHz
Peak power (kW)	0.75kW@10kHz
Ave power stability (over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	Elliptical (4:1), Beam spot 1*4mm
Beam height from base plate (mm)	79
Cooled method	Air cooled
Operating temperature (°C)	10~35
Power supply (220/110VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year