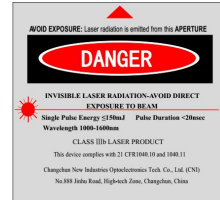


EO-1064-Subnano-Hi/1~4000μJ/1~20W

**HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
Q-SWITCHED LASER**

High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in Lidar, LIBS, Thin film removal, Non-linear Spectroscopy, Specialty marking, and so on.



SPECIFICATIONS

Wavelength (nm)	1064±1nm	
Operating mode	Q-switched: EO (Electro-optic)	
Single pulse energy (uJ)	2000uJ@5KHz	4000uJ@5KHz
Output power (W)	10	20
Power stability	<math><2\%</math> , <math><3\%</math> , <math><5\%</math>	
Pulse duration (ns)	<math><1.5\text{ns}</math>@5KHz	1.5~2ns@5KHz
Rep. rate (kHz)	100Hz~10kHz (Customizable)	
Beam diameter (mm)	~2mm	~2.5mm
Beam divergence, full angle (mrad)	<math><3\text{mrad}</math>	
Cooled method	Air cooled	
Warm-up time (minutes)	<math><15</math>	
Power supply	DC 24V	
Operating temperature (°C)	15~30	
Expected lifetime (hours)	10000h	
Warranty period	1 year	