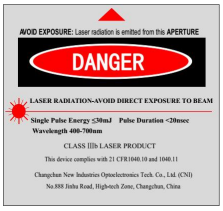
LPS-TUN-420-1200/1~20mJ

HIGH ENERGY LAMP PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy lamp pumped all solid state Q-switched laser at 710~810nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in material Analysis, Laser induced, fluorescence Combustion studies, remote sensing, multiphoton interactions, Medical & Biotechnology, and so on.



SPECIFICATIONS

	LPS-TUN-420-1200
Signal Wavelength (nm)	420~680
Idler Wavelength (nm)	735-1200
Spectral width	1-6nm
Operating mode	Q-switched: EOM (Electro-optic modulation)
Single pulse energy (mJ)	up to 23mJ
Pulse duration (ns)	<8
Rep. rate (Hz)	10
Beam divergence, full angle (mrad)	5-30
Beam diameter (mm)	~7
Warm-up time (minutes)	<15
Cooled method	Water Cooled
Operating temperature (℃)	15~35
Power supply	AC 220V
Expected lifetime(pulses)	10^7~10^8
Warranty period	1 year