

## 213 nm LD Pumped All-Solid-State Picosecond Pulsed Laser DPS-213-Pico

**Model #:** DPS-213-Pico

**Description:** Diode pumped all-solid-state acousto-optic modulated UV laser at 213 nm DPS-213-Pico features high average power, high repetition rate, short pulse duration.

**Application:** Scientific experiments, biology, instrumentation, fluorescence lifetime measurement, and optical instrument, etc.

### Specifications

Wavelength (nm)	213 ± 1
Operating Mode	Pulsed
Output Power (mW)	10 or 30 mW Average Power = pulse energy (μJ) x rep. rate (kHz)
Repetition Rate (MHz)	5
Pulse Width (ps)	<50
Average Power Stability (rms)	1%, 3%
Warm-up Time (minutes)	<15
Beam Divergence, Full Angle (mrad)	<3.0
Beam Diameter at aperture (1/e <sup>2</sup> , mm)	~2
Beam Height from Base Plate (mm)	128
Cooling Method	Air cooled
Beam Operating Temperature (C°)	10 ~ 30
Power Supply (90-264VAC or 5V DC)	PSU-DPS-Pico
Expected Lifetime (hours)	10000
Warranty Period	1 year

