

TUN-TiL-780-850/1~500mW

AIR COOLING Q-SWITCHED RED LASER at 780-850nm

All solid state Q-switched red laser at 780~850nm tunable wavelength, has a high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	780-850
Operating mode	Acousto-Optics Q-switched
Average power (mW)	1~500mW@ 5KHz
Pulse duration (ns)	~10
Rep. rate (kHz)	1~5
Single pulse energy (uJ)	100@ 5kHz
Peak power (kW)	1@ 5kHz
Ave power stability (over 4 hours)	<5%, <3%
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e ² ,mm)	2
Warm-up time (minutes)	<10
Cooled method	Air Cooled
Operating temperature (°C)	15~35
Expected lifetime (hours)	10000
Warranty period	1 year