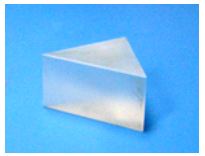
MPL-W-266/5~30uJ/50~600mW

LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 266nm UV laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in UV curing, micro-electronics, CD carving, laser medical treatment, scientific experiment, etc.

SPECIFICATIONS

Wavelength (nm)		266±1
Output average power (mW)		50~600
Transverse mode		Near TEM_{00}
Operating mode		Passively Q-switched
Single pulse energy (μJ)		5~30
Pulse duration (ns)		~5
Peak power (W)		~500
Rep. rate (kHz)	Uncontrollable	Undefined rep. rate among 10k-20kHz and unstable laser pulse emitting. Suitable for the applications only needing high peak power pulses.
Average power (mW)		Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Ave power stability (over 4 hours)		<5%, <10%
Beam parameters		Elliptical (4:1), Beam spot ~2mm
Polarization ratio		>100:1
Warm-up time (minutes)		<10
Beam height from base plate (mm)		93.5
Operating temperature (℃)		10~35
Power supply (90-264VAC)		PSU-W -FDA
Cooling system		Air
Expected lifetime (hours)		8000
Warranty period		1 year
Remarks		Please Note: because of the Walk-off effect of Nonlinear crystals, the beam quality of UV laser is not so good as that of 1064/532nm laser.
Wavelength (nm)		266±1
Output average power (mW)		50~200
Transverse mode		Near TEM_{00}
Operating mode		Frequency conversion of Q-switched pulsed laser

MxL-W -266	PSU-W-FDA	UV prism
		
333(L)×140(W) ×125(H) mm³, 6.1 kg	**307 (L) ×168(W) ×123(H) mm³, 5.1 kg**