

MPL-F-266/0.1~5uJ/1~50mW

LD PUMPED ALL-SOLID-STATE
UV LASER

All solid state 266 nm 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)		1~50
Transverse mode		Near TEM ₀₀
Operating mode		Frequency conversion of Q-switched pulsed laser
Single pulse energy (μJ)		0.1~5
Pulse duration (ns)		~7
Peak power(kW)		~0.7
Rep. rate (kHz)	Controllable	Fixed rep. rate, such as 1k, 2k, 3k, 4kHz, with stable laser pulses emitting (stable pulse energy, peak, duration and period). Different rep. rate in the range of 1kHz~4kHz can be obtained by input an external TTL signal.
	Uncontrollable	Undefined rep. rate among 5k-7kHz 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%
Warm-up time (minutes)		<10
M ² factor		<1.5
Spectral purity		>99%
Beam parameters		Elliptical (4:1), Beam spot ~2mm
Polarization ratio		>100:1
Beam height from base plate (mm)		45
Operating temperature (°C)		10~35
Power supply (90-264VAC)		PSU-H-FDA
Expected lifetime (hours)		10000
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.



MxL-F-266 (with 266/532/1064 nm laser included)	MxL-F-266 (With 266 nm laser emitting only)		PSU-H-FDA	UV prism
 209(L)×88(W)×74(H) mm ³ , 1.6 kg	 287(L)×224(W)×100.5(H) mm ³ , 4.2 kg	 238.5(L)×88(W)×74(H) mm ³ , 2.0 kg <i>New!</i>	 238 (L) ×146(W) ×102 (H) mm ³ , 2.3 kg	 20mm x 20mm x 12mm

MPL-H-266/0.1~4uJ/1~30mW

LD PUMPED ALL-SOLID-STATE UV LASER

All solid state 266 nm 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)		1~30
Transverse mode		Near TEM ₀₀
Operating mode		Q-switched pulsed laser
Single pulse energy (μJ)		0.1~4
Pulse duration (ns)		1.3
Peak power(kW)		~3
Rep. rate (kHz)	Controllable	Fixed rep. rate, such as 1k, 2k, 3k, 4kHz, with stable laser pulses emitting (stable pulse energy, peak, duration and period). Different rep. rate in the range of 1kHz-4kHz can be obtained by input an external TTL signal.
	Uncontrollable	Undefined rep. rate among 5k-7kHz 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%
Warm-up time (minutes)		<10
M ² factor		<1.5
Spectral purity		>99%
Beam parameters		Elliptical (4:1), Beam spot ~2mm
Polarization ratio		>100:1
Beam height from base plate (mm)		45
Operating temperature (°C)		10~35
Power supply (90-264VAC)		PSU-H-FDA
Expected lifetime (hours)		10000
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.



MxL-H-266 (with 266/532/1064 nm laser included)	PSU-H-FDA	UV prism
<p>153(L)×77(W)×60(H) mm³, 0.9 kg</p>	<p>238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	

MPL-N-266/5~10uJ/50~100mW




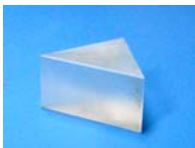
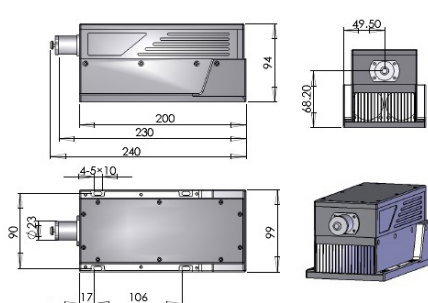
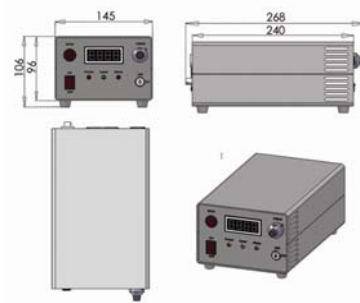
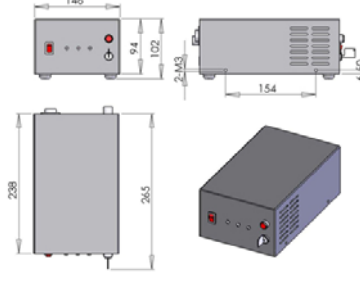
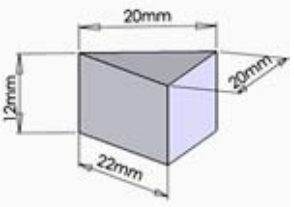
**LD PUMPED ALL-SOLID-STATE
UV LASER**

All solid state 266 nm 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.



Wavelength (nm)	266±1	
Output average power (mW)	50~100	
Transverse mode	Near TEM ₀₀ , elliptical	
Operating mode	Pulsed, Cr : YAG passively Q-switched	
Single pulse energy (μJ)	5~10	
Pulse duration (ns)	~7	
Peak power (W)	~2800	
Rep. rate (kHz)	Undefined rep. rate among 6k-15kHz 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 0.5*2mm	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	68.2	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
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.	



MPL-N-266	PSU-H-LED	PSU-H-FDA	UV prism
 <p style="text-align: center;">240(L)×99(W)×94(H) mm³, 2.6 kg</p>	 <p style="text-align: center;">268 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	 <p style="text-align: center;">238 (L) ×146(W) ×102 (H) mm³, 2.3 kg</p>	
			

MPL-W-266/5~10uJ/50~200mW

**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)	50~200
Transverse mode	Near TEM ₀₀
Operating mode	Frequency conversion of Q-switched pulsed laser
Single pulse energy (μJ)	5~10
Pulse duration (ns)	~10
Peak power (W)	~500
Rep. rate (kHz)	Undefined rep. rate among 5K-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 (°C)	10~35
Power supply (90-264VAC)	PSU-W -FDA
Cooling system	Cooled by TEC and air, no water needed.
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.



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