

SPECIFICATIONS

MPL-F-266/0.1~5uJ/1~20mW

## PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

		SIECHICAHONS				
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)		1~20		
		Transverse mode		Near TEM <sub>00</sub>		
				Frequency conversion of Q-switched pulsed laser		
		Single pulse energy (µJ)		0.1~5		
		Pulse duration (ns)		~7		Ndv .
		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).		
				peak, duration and period).		
				Different rep. rate in the range of 1kH	Hz-4kHz can be obtained by input an external TTL signal.	
			Uncontrollable	Undefined rep. rate among 5k-7kl applications only needing high peak p	Hz and unstable laser pulse emitting. Suitable for the power pulses.	
		Average power (mW)		Average power (mW) = Single pulse energy $(\mu J)$ * Rep. rate (kHz)		AVOID EXPOSURE: Loser redistor is entitled from this APERTURE
		Ave power stability (over 4 hours)		<5%, <10%		DANGER
		Warm-up time (minutes)		<10		
		M <sup>2</sup> factor		<1.5		Except the to denote the solar instance statement
		Spectral purity		>99%		Wedaya 20 01mu CLASS IV LASER PRODUCT
	Beam parameters		Elliptical (4:1), Beam spot ~2mm		This device complies with 21 CFR1040.10 and 1040.11	
		Polarization ratio		>100:1		Changchan New Industries Optiefectionics Jeck Co. Ltd. (CNI) 888 JigBin Road High-tech Zone Changchun, China
		Beam height from base pl	ate (mm)	45		and affine town to prove some stand proof, sound
		Operating temperature (°C)		10~35		
		Power supply (90-264VA	C)	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)	L	MxL-F-266 (With	h 266 nm laser e	· · ·	PSU-H-FDA	UV prism
209(L)×88(W) ×74(H) mm <sup>3</sup> , 1.6 kg	287(L)×224(W	() ×100.5(H) mm <sup>3</sup> , 4.2 kg	245.5(L)×88(	W) ×74(H) mm <sup>3</sup> , 2.0 kg <u>New!</u>	238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg	
			521 100 4-15x6 - 73 - 75 -	195.5 295.5 245.5		20mm 20mm 20mm

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