

**Maiman**

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U series 355 nm UV laser

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- Long service life
- High stability
- Extremely attractive price

## U-A series 355 nm Active UV laser



- Long service life
- High stability
- Extremely attractive price

## U-P series 355nm Passive UV laser



- Long service life
- High stability
- Extremely attractive price

### The Product Description

U-A series 355 nm Active UV laser with good beam quality, narrow pulse width, adjustable pulse frequency and pulse width, the pulse frequency is set to (20 kHz – 500 kHz), applicable to the ultraviolet laser rapid prototyping, laser micro-processing and other fields.



- Consumer electronics marking
- Food packing marking
- 3D printing
- White household appliances marking



Technical Parameters		
Model	MMEPU-A-355-3	MMEPU-A-355-5
Wavelength	355nm ± 1nm	355nm ± 1nm
Average output power	≥3W@30kHz	≥5W@30kHz
Degree of power instability	≥6kW@20kHz	≥10kW@20kHz
Pulse width	<3% (6 hours)	
Repetition frequency	≤20ns@30kHz	
Beam mode	20kHz-500kHz	
Beam quality	TEM <sub>00</sub>	
Spot diameter	M <sup>2</sup> <1.3	
Power consumption (25°C)	2mm	
Cooling mode	Water cooling	
Operating temperature	10-35°C	
Indication red light	650nm@5mW	
Power supply mode	AC220V/50Hz	

### The Product Description

U-P series 355nm Passive UV laser with good beam quality, narrow pulse width, Uncontrollable 15kHz-20kHz suitable for the application of needing high peak power, applicable to the ultraviolet laser rapid prototyping, laser micro-processing and other fields.



- Consumer electronics marking
- Food packing marking
- 3D printing
- White household appliances marking



Technical Parameters	
Model	MMEPU-P-355-1
Wavelength	355nm ± 1nm
Average output power	≥1W ± 0.1W
Degree of power instability	≥6.5kW
Pulse width	<3% (6 hours)
Repetition frequency	8ns
Beam mode	Uncontrollable 15kHz-20kHz suitable for the application of needing high peak power
Beam quality	TEM <sub>00</sub>
Spot diameter	M <sup>2</sup> <1.3
Power consumption (25°C)	2mm
Cooling mode	Water cooling
Operating temperature	10-35°C
Indication red light	650nm@5mW
Power supply mode	AC220V/50Hz