

Maiman



Maiman Laser Series Catalog

Tianjin Maiman Laser Technology Co.,Ltd

UV series mini UV laser



1-2W

The laser power

7x24^h

Meet 7*24 hours of work

20000hrs⁺

The service life

Introduction

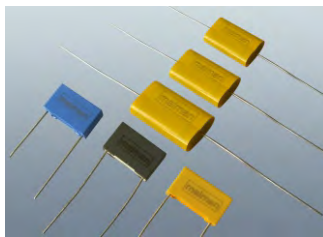
Small size, can be held up with one hand; the pulse width 6-8ns, ultra-high peak power perfectly to realize the appearance marking of electronic products.

Features

- The laser power 1-2W;
- Solve power attenuation and meet 7*24 hours of work;
- The service life exceeds 20,000 hours, maintenance-free, no need for regular commissioning;
- Split machine, laser head compatible with optical path of fiber laser;
- Air-cooled and easy to integrate.

Application

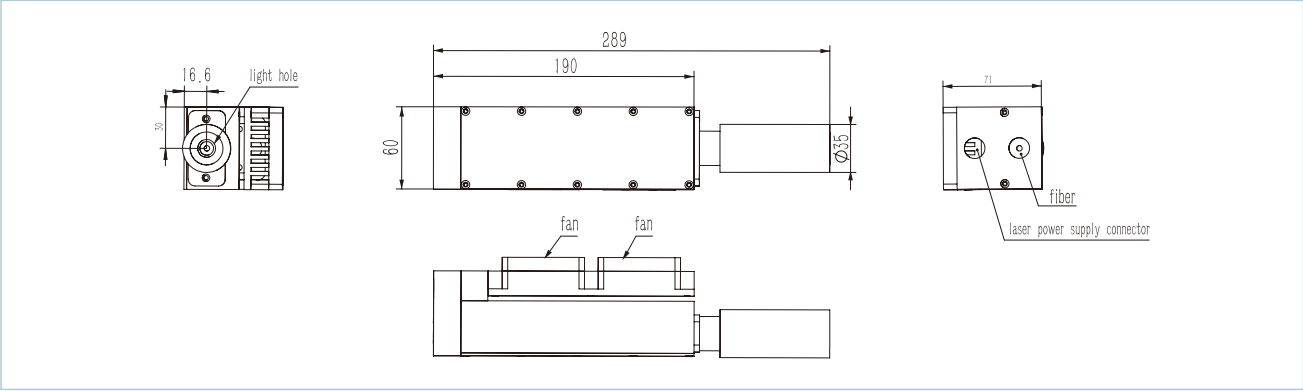
- Material marking - Packaging film, stones, electronic devices, 3C products, medical supplies, etc.



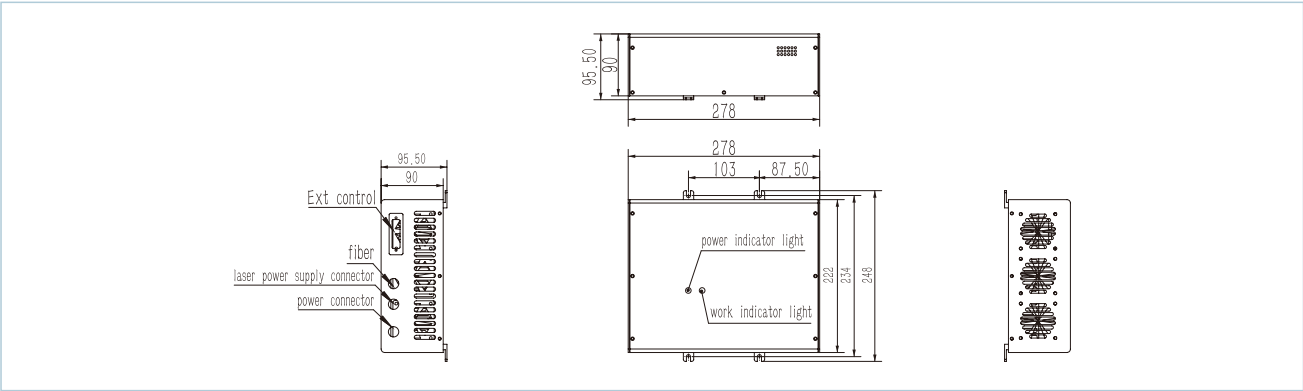
Specifications

Model No.	MMEPU-D-355-1
Optical Characteristics	
Wavelength (nm)	355nm±1nm
Average Power (W)	>1W@20kHz
Single Pulse Energy (uJ)	~50uJ@20kHz
Pulse Width (ns)	~7ns@20kHz
Repetition Rate	Uncontrollable, range15-20kHz
Pulse Stability	<3% rms
Long Term Stability	<±3%
Beam Characteristics	
Polarization Ratio	Vertical;>100:1
Beam Diameter	7mm
Beam Circularity	>90%
Spatial Mode	TEM ₀₀ ,M ² <1.2
Operating Specifications	
Warm-up Time	<15 minutes from cold start
Electrical Requirement	DC12V, >200W
Ambient Temperature	10-35°C, RH<80%
Storage Conditions	-10-40°C, RH<90%
Physical Characteristics	
Cooling System	Air-Cooled

Dimensional Drawings



Driver



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