

30W MOPA(1000) Laser Marker

Product Description

Laserwares makes high frequency range, turn-key MOPA laser system for engraving/markings on to almost any type of materials, including but not limited to brass, stainless steel, carbide, titanium, aluminum, other alloys, silicon chips, and plastics. Ideal for a wide range of industries and integration applications. Especially colorful marking on stainless steel and titanium.

It provides over 10000 hours of maintenance free fiber laser engraving/markings, of the highest quality.



Performance Specifications

| 30W MOPA Laser Marker | Specification | Unit |
|----------------------------------|---------------|----------------|
| Operation Wavelength | 1064 | nm |
| Nominal Output Power | 30 | W |
| Marking Depth | 0.01-0.2 | mm |
| Max. Marking Speed | 7000 | mm/s |
| Marking Area ¹ | 100x100 | mm |
| Min Line Width | 0.01 | mm |
| Repeatability Precision | 0.005 | mm |
| Longtime Power stability | <5 | % |
| Beam Quality | <1.3 | M ² |
| Polarization | Random | |
| Maximum Pulse Energy | 0.9 | mJ |
| Full Power Repetition Rate Range | 31-1000 | kHz |
| Pulse Repetition Rate Range | 1-1000 | kHz |
| Pulse Width | 2-200 | ns |
| Power tunable Range | 5-100 | % |
| Operating Voltage | 110 | V |
| Cooling | Air | |
| Operating Temperature | 0-40 | °C |
| Storage Temperature | -10-60 | °C |
| Weight | 60 | KG |

Note:

- 150x150mm/200x200mm/300x300mm optional.
- Higher power available

Features

- High Performance
- Turn-Key System
- High Beam Quality
- Wide Frequency Range
- Compact Size

Applications

- Industry Marking
- Car Parts
- Arts
- Metal Marking
- Plastic Marking



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Details:



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Ordering Information: LWLM-30MC-1000

Accessories:



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