

## 10W/20W/30W/50W Mini Portable [Fiber Laser Marking Machine](#) and Laser Engraver for Metal Engraving Marking

Compared with our [mini CNC router](#) such as [CNC 6040](#), [CNC 6090](#), [HY 3040](#) this Portable [Fiber Laser Marking Machine](#) is specially designed for metal and non-metal engraving

Most price competitive with high configuration.

### Main features for this S004 Mini Portable Fiber Laser Marking Machine and Laser Engraver for Metal Engraving Marking

1. Optical Fiber Laser, environment friendly, easy maintenance.
2. Life of the laser can be up to 100000 hours.
3. Small volume and weight, less than 35KGS.
4. Easy operation software, compatible with PHOTOSHOP, CORELDRAW, AUTOCAD
5. Runs without consumable spare parts, no need maintenance, great for continuous working.
6. The galvanometer scanning system is made of optical scanner and servo control of two parts, the whole system adopts new technology, new material, new design and manufacturing.
7. The smallest volume, suitable for harsh environment, friendly interface, easy operation.
8. Adopts the high quality, high energy, high stability fiber laser source, prime precision optical galvanometer assembly and the industry's top software.
9. Compact, lightweight, simple interface, flexible and adjustable processing direction.
10. The master switch, red light switch and galvanometer switch.
11. High precision scale.
12. Has 10W/20W/30W/50W for selection

This [Mini Portable Fiber Laser Marking Machine and Laser Engraver for Metal Engraving Marking](#) mainly consists of four parts: [fiber laser](#), [galvanometer scanning system](#), [computer control system](#) and the [worktable](#)

| Name             | Origin(brand)                              | Remarks  |
|------------------|--|--|
| Optical maser    | Maxphotonics                               | Long service life, high reliability, fine beam quality   |
| Galvo mirror     | Galvo-tech(digital)                        | Fine marking, more quick and high reliability  |
| F-θ lens         | 290mm                                      | High quality optical device  |
| Marking software | Special marking Software (Ezcad2 software) | Powerful, simple and convenient operation, Auto-cad, CorelDraw, Photoshop software compatible form |
| Control cabinet  | China                                      | Optical fiber special cabinet, all the mold production, high seal                                  |

# *Do you know how to choose the laser marking machine?*

①

*Crack version board*



*Original JCZ board*



VS

②

*Software*

| Board card          | Support of computer system | Work software                                |
|---------------------|----------------------------|--|
| Original JCZ board  | WinSeal XP/Win7/8/10       | Can support the latest <b>Ezcad</b> software |
| Crack version board | WinSeal XP/Win7            | Can only support to <b>Ezcad2.9.4</b>        |

## 02 Parameters

China  zone

Voltage :110V/220V

Fiber Laser Source:Maxphotonics (RAYCUS /IPG laser optional)

Output power: 10W/20W/30W/50W for selection

Laser wavelength:1064nm

Modulation frequency range:20-100kHz

Speed:0-8000mm/s

Precision:±0.003mm

Minimum line width:0.015mm

Minimum height of characters:0.15mm

Cooling way:Air cooling

Marking range:110\*110mm 150\*150mm 200\*200mm for selection

Laser power supply:0.5KW,220V/50Hz, 110V/60HZ

Rotary device:Optional

Weight:35KGS

## 03 Product Images

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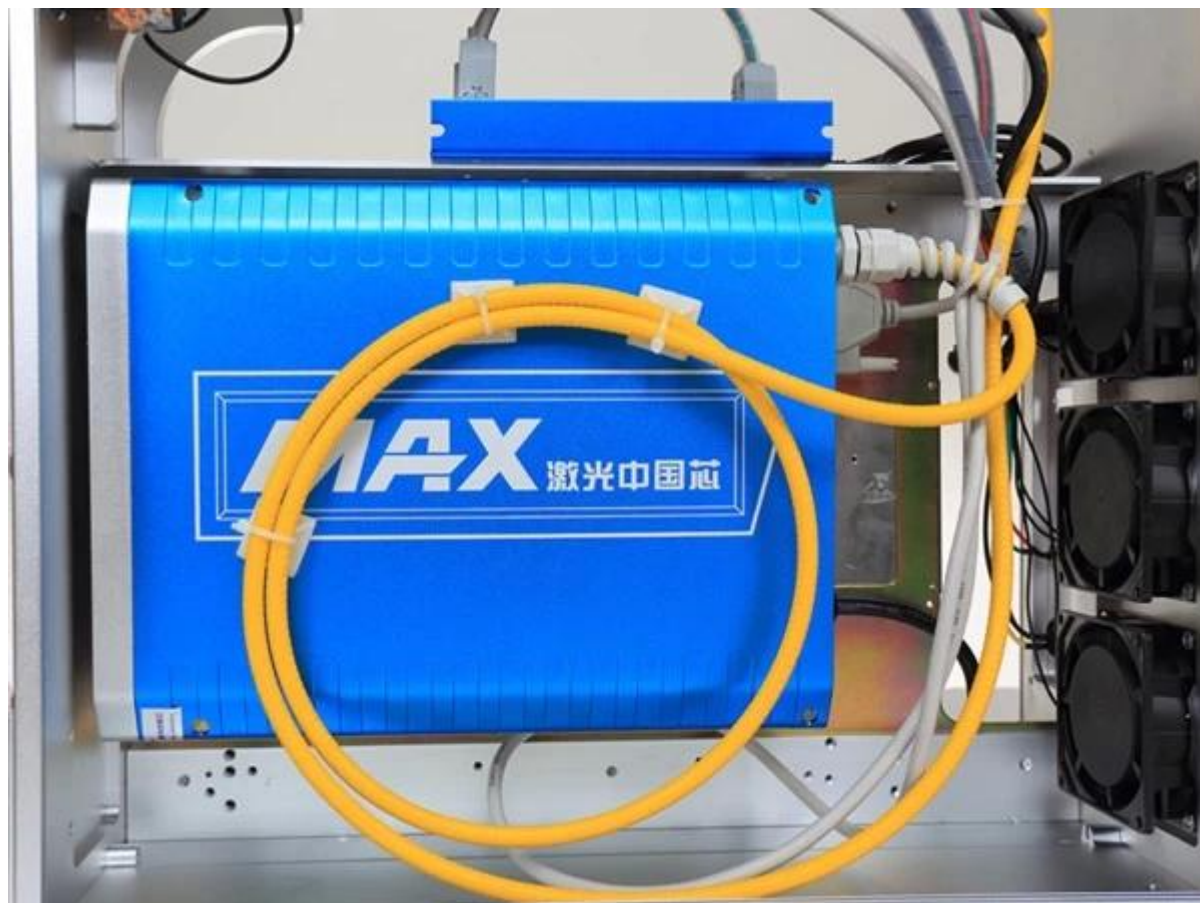






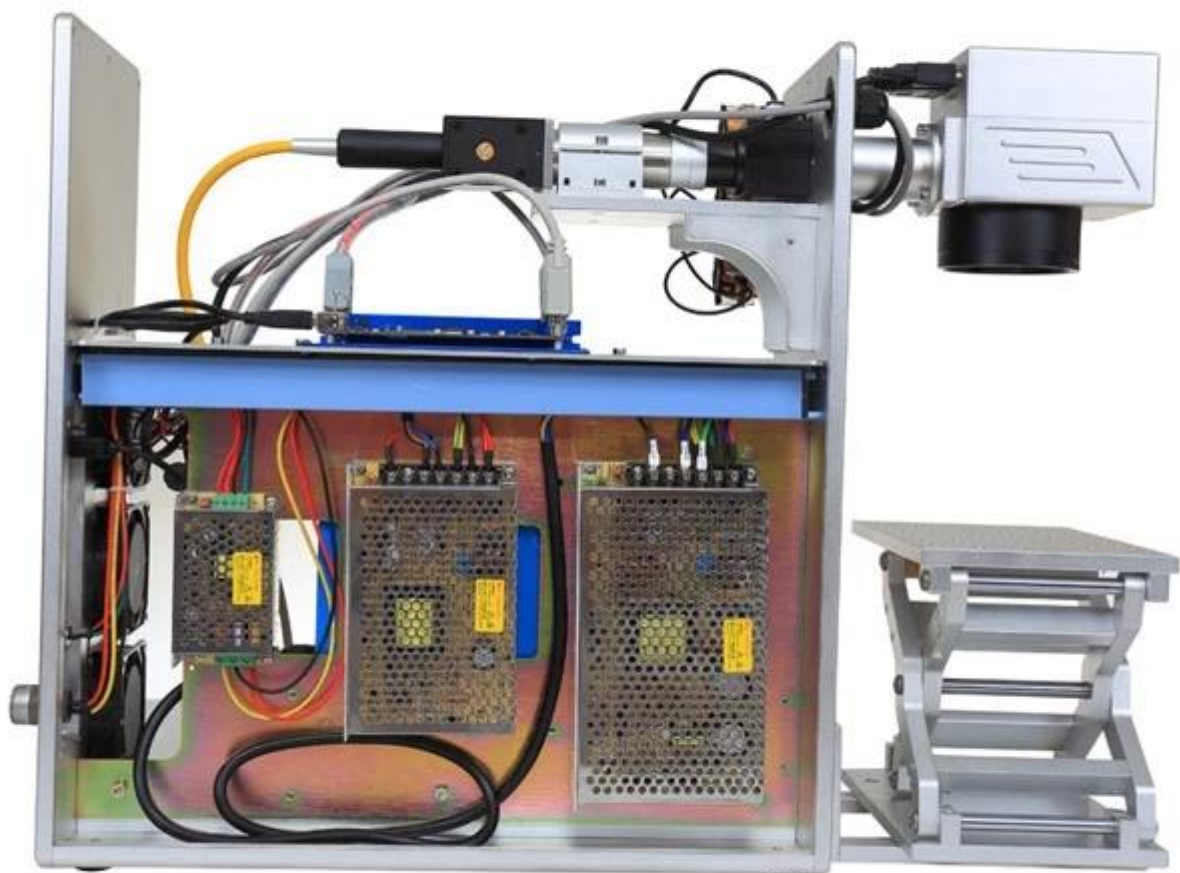














**Caliper measures**

**Convenient and quick**





**USB cable socket**

**Pedal socket**

**Power cord socket**



**Portable Fiber**

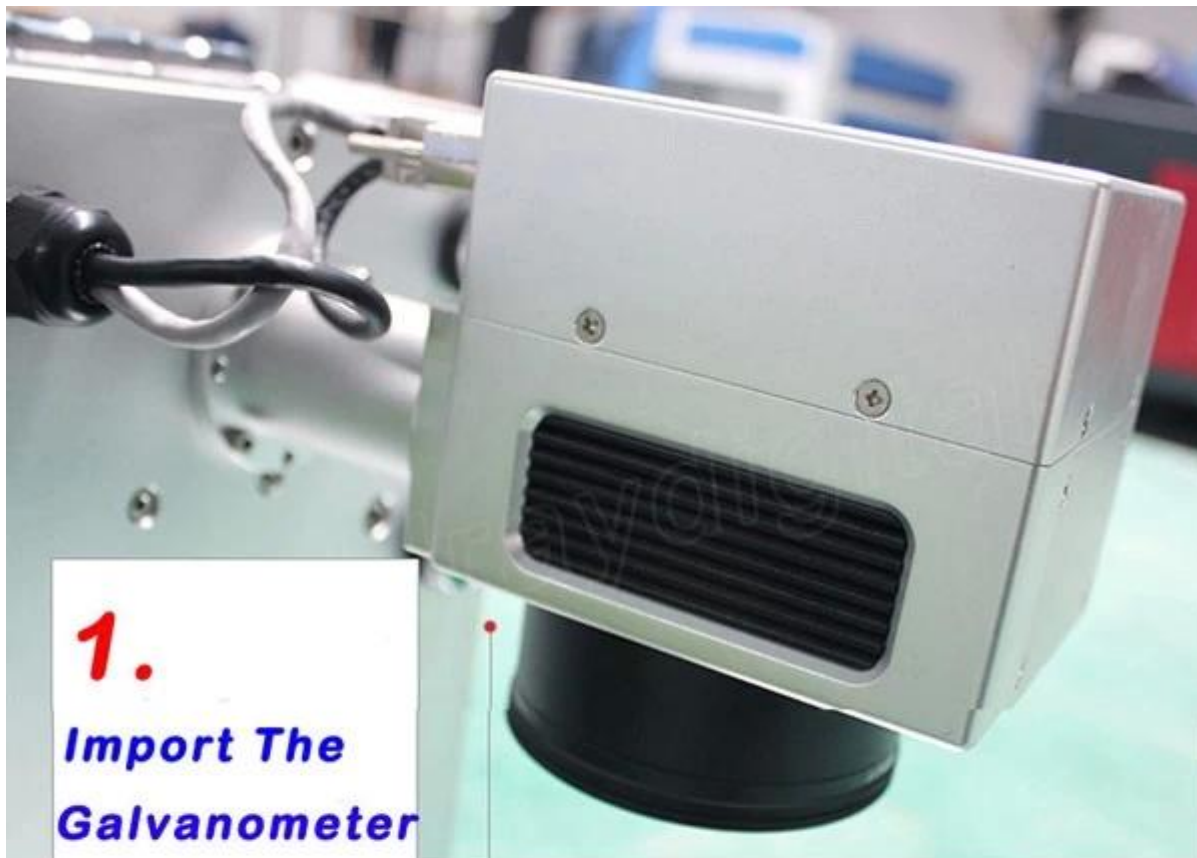


**Adjust the work surface**





**S004 Mini Portable [Fiber Laser Marking Machine](#) more details:**



# **1.**

## **Import The Galvanometer**

*Using a full set of German imported accessories,  
laser and galvanometer laser long service life*

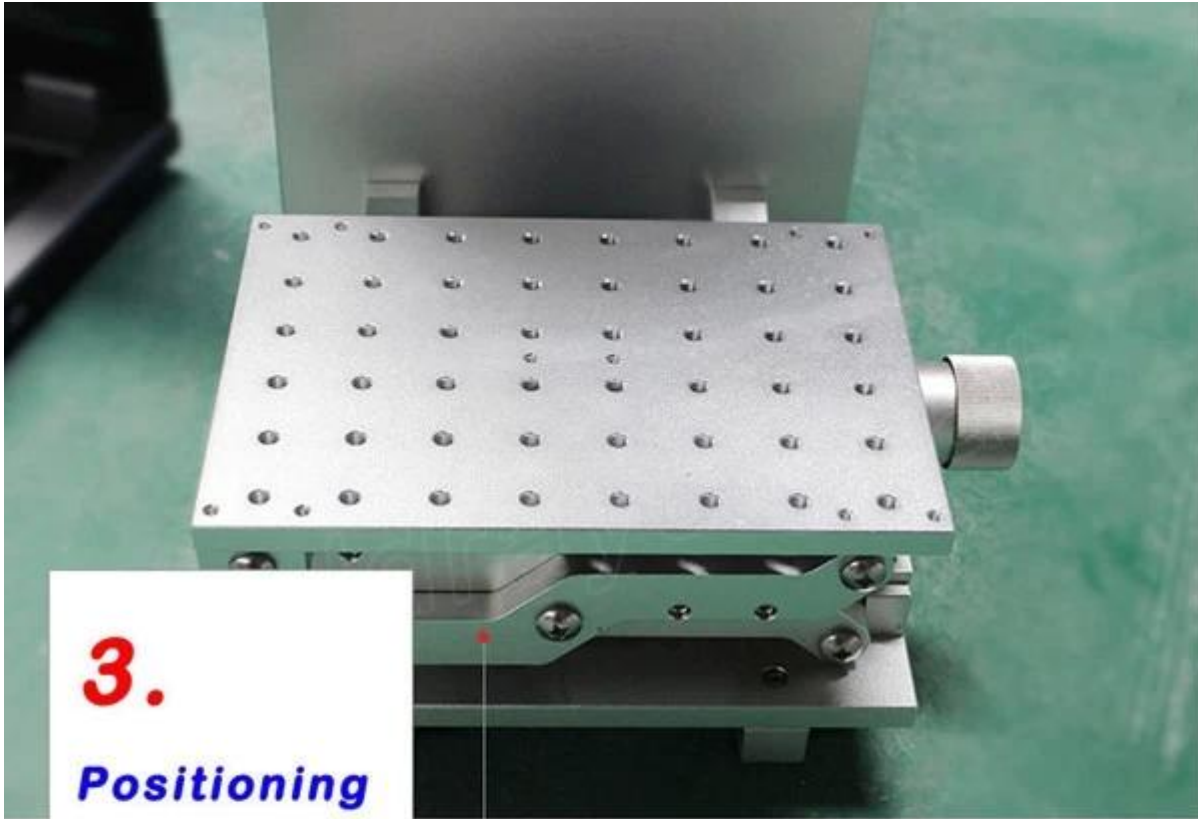


**2.**

**High Quality  
Field Lens**

*Using the third generation of optical fiber laser  
technology, high-speed permanent free maintenance*

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**3.**

**Positioning  
Plate**

*Small size,suitable for bad environment;*

*Laser realize laser range through fiber*

*Optic cable transmission,compact structure*





**4.**

### **Lifting Wheel**

*In a certain shock,vibration,high temperature  
or with ash,etc.*

*Also can work normally under the harsh  
environment*

## **04 Applications** **ChinaCCzone**

**Application industrial for this Portable Fiber Laser Marking Machine :** Jewellery, Keyboards of cell phone, Auto parts, Electronic components, Electronic appliance, Communication apparatus, sanitary wares, buckles, kitchenware, Sanitary equipment's, Hardware tools, Knife, Glasses, Clock, Cooker, Stainless steel products etc.

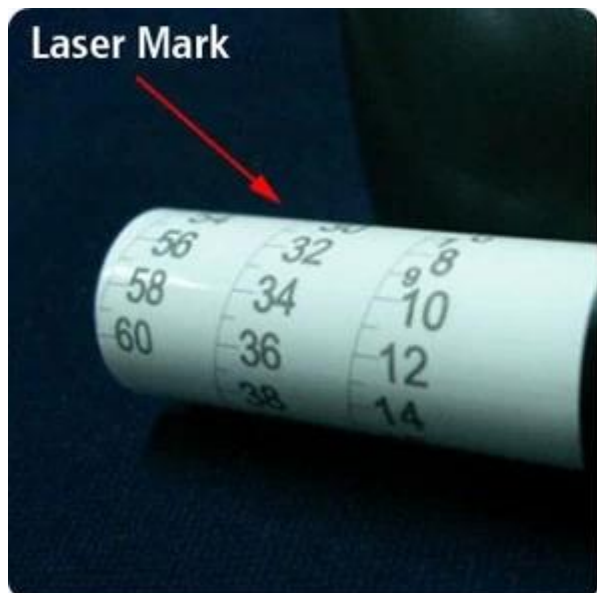
**The material this Mini Portable Fiber Laser Marking Machine can marking:**

Engraving bar codes, decorative map, LOGO, factory number, production date, dial on all Metals ( Gold, silver, copper, alloy, aluminum, steel, stainless steel, name card ), Non-metal ( Plastic: engineering plastic and hard plastic, etc. Used in electronic components integrated

circuits, mobile communications, precision instruments, glasses watch and clocks, computer keyboard, accessories, auto parts, plastic buttons, plumbing fittings, sanitary ware, PVC pipe, medical equipment, packaging bottles, etc.)



Laser Mark



Laser Mark



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Materials: Stainless Steel



Laser Mark

Materials: Stainless Steel



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ChinaCNCzone, engrave your colorful life!

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