

10W/20W Portable Fiber Laser Marking Machine

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

Most price competitive with high configuration.

Win10 software problem please click following link to get Lcmv2 for Windows 10:

<https://hl-yeah.com/downloads/beijing-jcz-laser-marking-control-board-ezcad-2-0-software-driver/>

Main features for this S004 10W/20W Portable Fiber Laser Marking Machine

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.

This S004 10W/20W Portable Fiber Laser Marking Machine 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	wavelength	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

02 Parameters

Voltage :110V/220V

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

Output Power:10W

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:110x110mm

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

Software:Auto-cad, CorelDraw, Photoshop software compatible

Rotary device:Optional

Weight:35KGS

03 Product Images

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S004 10W/20W Mini Portable Fiber Laser Marking Machine



1.

Import The Galvanometer

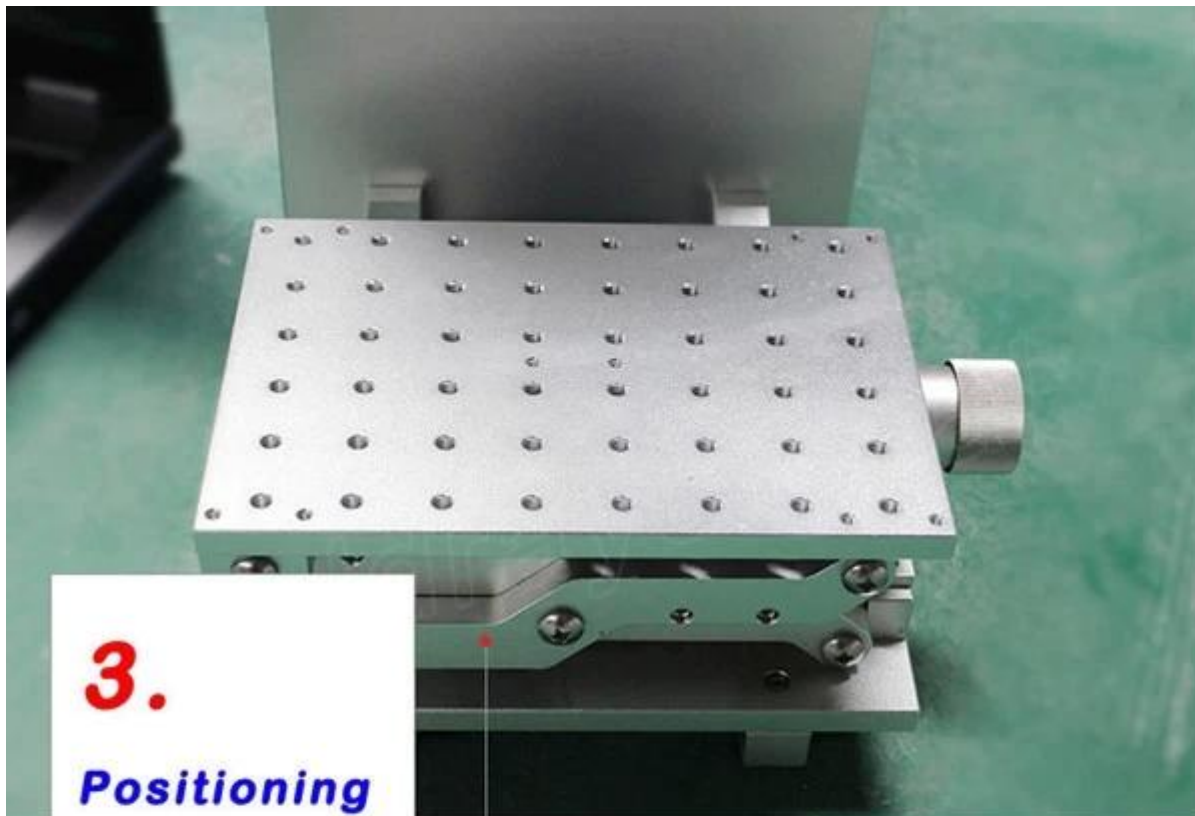
*Using a full set of German imported accessories,
laser and galvanometer laser long service life*



2.

**High Quality
Field Lens**

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



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

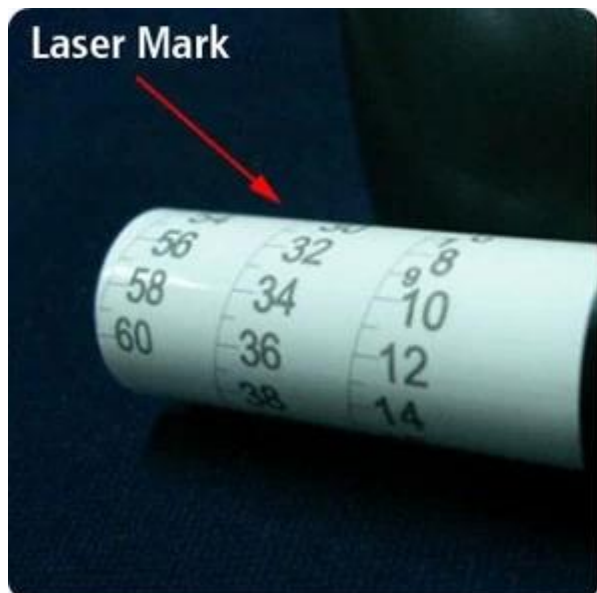
Application industrial for this Portable Fiber Laser Marking Machine : Jewellery, Keyboards of cell phone, Auto parts, Electronic components, Electronic appliance, Communication apparatus, sanitary wares, buckles, kitchenware, Sanitary equipment's, Hardware tools, Knife, Glasses, Clock, Cooker, Stainless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



Laser Mark



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Materials: Stainless Steel



Laser Mark

Materials: Stainless Steel



Laser Mark



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ChinaCNCzone, engrave your colorful life!

客户合影及企业文化



