

Portable UV Laser Marking Machine

Portable UV laser marking machine has the advantages of short wavelength, short pulse and good beam. quality, high precision and high peak power. Therefore, it has excellent application characteristics In the field of special material processing, the thermal effect on the surface of various materials can be reduced material, which greatly proves the machining accuracy and laser engraving effect.

1. Product Introduction

UV laser marking machine can be applied to leather, wood, plastic, transparent glass, N95, etc. Textile materials, as well as colored paper, fine metals and other materials. Due to high processing In terms of precision, it is more and more widely used in high-end fields.

PRODUCT SIZE



The Portable UV Laser Marking Machine has three output wavelengths for customers to choose, 355nm UV. For 355nm ultraviolet laser, the average output power is 1-5W optional. The laser repetition frequency is adjustable in the range of 20KHz-200KHz, and the laser beam quality M square factor is less than 1.2. One-piece design, the internal drive circuit board is integrated, and the laser output can be obtained by connecting the external 12V power supply. Without adjusting frame, the laser has stable mechanical performance and can run stably for a long time.

2. Product Parameter (Specification)

Model No.	SN-UV-3W/5W
Laser type/wave length	355nm
Laser output power	3W/5W
Beam quality m^2	<1.1
Marking speed	400 characters per second
Working area	110×110mm or 150×150mm (adjustable)

Machine power	600W
Power supply	380V/50-60Hz or 220V/50-60Hz
Minimum character	0.1mm
Repeated accuracy	±0.001mm
Minimum line width	0.015mm
Life of the laser machine	> 100,000 hours
Cooling system	Water Cooling
Control interface	Standard USB
Overall dimensions	560*330*680mm

3. Product Feature and Application

Stable Air cooling / water-cooling,high precision temperature control

Applied for hyperfine marking and engraving

High quality permanent marking

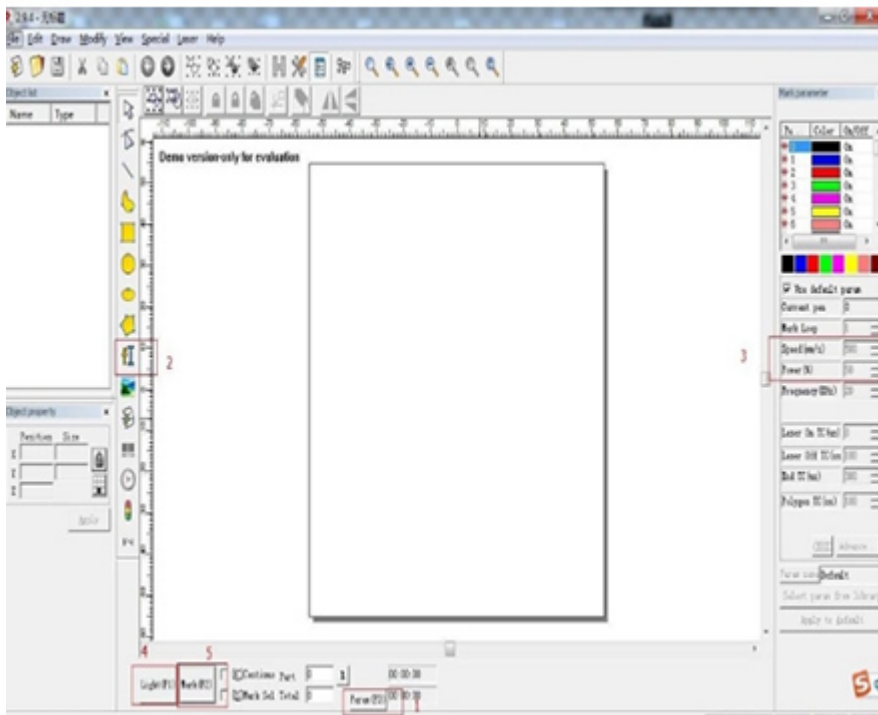
Environment friendly and safe Machinery

Electro-optical conversion efficiency, long service life

4. UV Laser Marking Machine Main Parts



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- High Speed Galvanometer



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- EZCAD Software

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- **High Precision Field Lens**



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- **Laser safety glasses**



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- High Quality Leadshine stepper motor



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- Well-known Brand Switching Power Supply

5. Application

It is widely used in electronic components, battery chargers, electric wire, computer accessories, mobile phone accessories (mobile phone screen, LCD screen) and communication products.

Automobile and motorcycle spare parts, auto glass, instrument appliance, optical device, aerospace, military industry products, hardware machinery, tools, measuring tools, cutting tools, sanitary ware.

Pharmaceutical, food, beverage and cosmetics industry.

Glass, crystal products, arts and crafts of surface and internal thin film etching, ceramic cutting or engraving, clocks and watches and glasses.

It can be marked on polymer material, majority of the metal and non-metallic materials for surface processing and coating film processing, pervious to light polymer materials, plastic, fire prevention materials etc





UV Laser Marking Machine After Sales Service:

1.All of UV Laser Marking Engraving Machine will be fully-checked by our quality control department before the shipment.We guarantee all of our laser marking machines have a two -years warranty.

2.Training details: operation principles, system and structure, safety and maintenance, software the processing technique, and so on.

3. Numerous feedback from our clients have proven that our laser machines are stable in performance with rare malfunction. However, we would like to handle it as follows function occurs:

a.We guarantee that we will give you a clear reply within 24 hours.

b. Customer service staff will assist and guide you to analyze the malfunction in order to locate the cause.

c. If the malfunction is caused by improper operation on software and other soft faults, we will help solve the problem on line.

d.We will offer plenty of online supports, just like detailed technical and installation instructions by email,video, telephone. (Training by team viewer)

4.Maintain Fiber Laser Marking Machine

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In addition to the need for stable voltage, regular cleaning of the focus lens, and it does not require any maintenance.

Pre-sale service:

*Inquiry and consulting support.

*Sample test support.

*Please check our factory.