

Portable UV Laser Marking Machine

This portable laser marking machine utilizes UV laser technology for precision marking on diverse materials. Its compact design integrates easily into various production environments, ensuring high-quality, permanent marks.



ADDITIONAL IMAGES



Product Overview

High-Precision UV Laser Marking Solution

This portable UV laser marking machine provides a highly accurate and efficient solution for precision marking on a wide variety of materials, including plastics, glass, metals, and ceramics. Engineered for high-speed operation up to 7000mm/s with 0.002mm repeat precision, it ensures fine, clear, and permanent marks without thermal damage. The system is designed for ease of use and long-term reliability, making it an ideal choice for diverse industrial applications ranging from electronics and medical devices to jewelry and mechanical parts.

Technical Specifications

Performance Metrics

10 W

Max Output Power

355 nm

Wavelength

7000 mm/s

Max Marking Speed

0.002 mm

Repeat Precision

Operating Parameters

Parameter	Value
Pulse Repetition Rate	20-100 KHZ
Cooling Mode	Water cooling
Standard Working Area	110 x 110 mm
Operating Temperature	0-40 °C

Compliance and Standards

Certifications

CE, FDA

Applications

Supported Materials

- Metals (Gold, Silver, Stainless Steel, Aluminum)
- Plastics (PET, HDPE, PP, ABS, PC, PPS, PVC)
- Glass
- Rubber and Resin
- Paper and Wood