

# CO2 Laser Marking Machine for Non-Metal Materials

This CO2 laser marking machine utilizes a continuous CO2 laser tube. It is designed for high-precision and fast-speed marking on non-metal materials.



## Overview

### High-Precision CO2 Laser Marking Solution

This CO2 laser marking machine is engineered for high-precision engraving and marking on a wide variety of non-metal materials. Featuring an advanced, long-life laser tube and a high-speed galvanometer scanning system, it delivers consistent, fast, and accurate results. It is an ideal solution for industries ranging from electronics and manufacturing to packaging and personalization, ensuring durable and professional-grade markings.

## Technical Specifications

Laser Tube Lifetime	20000 hours
Laser Type	Hermetic continuous CO2 laser
Key System Features	High-speed galvanometer, High precision, Fast marking speed, Integrated control system

## Applications

### Compatible Materials

- Organic glass
- Ceramics
- Plastics
- Synthesized materials
- Timber
- Rubber
- Leather
- Paper products

### Industry Applications

Electronics • Packaging • Garment Industry • Stationery • Handicrafts

### Electronic Component Marking

- Capacitance
- Inductance
- Printed circuit boards (PCB)
- Integrated circuits
- Electric connecting appliances
- Instrument control panels