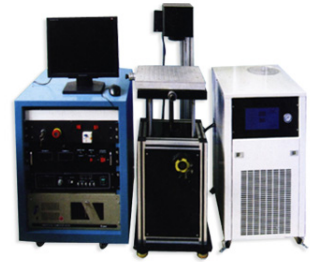


Laser Marking Machine for Metal

This general-purpose laser marker features an all-in-one structure, integrating the laser unit, power supply, and workstation. It is highly efficient in laser marking, especially on metal surfaces.



Overview

Industrial Precision Marking

This high-performance laser marking machine is designed for industrial applications requiring precision engraving and etching on metal surfaces. Equipped with a 50W laser source and advanced water cooling, it ensures consistent, repeatable results for demanding production environments. The system integrates a user-friendly software interface with a robust hardware architecture to deliver professional-grade marking quality.

Performance Metrics

Laser Power

50 W

Max. Laser Average Power

30 KHz

Repeat Frequency

Marking Capabilities

- Marking Scope: 100mm x 100mm
- Marking Depth: 0.3mm
- Min. Line Width: 0.015mm
- Wavelength: 1064nm
- Beam Quality M2: <6

Technical Specifications

Cooling System

Water cooling

Electrical Requirements

AC220V, 50Hz, 15A, 2.5kw Input Power

Operating Environment

15°C to 35°C

Software

Win XP + EZCAD marker system

Dimensions & Weight

System Dimensions

| Component | Dimensions (L x W x H) |
|---------------------|------------------------|
| Optical System | 95mm x 880mm x 1,240mm |
| Control System | 570mm x 555mm x 800mm |
| Cooling System | 420mm x 520mm x 800mm |
| Total Weight | 183 kg |