

Desktop Fiber Laser Marking Machine

This desktop fiber laser marking machine is designed for precision marking and engraving on a variety of materials. Its compact design makes it suitable for small workshops and industrial environments with limited space.



ADDITIONAL IMAGES



Overview

High-Precision Fiber Laser Marking System

This desktop fiber laser marking machine is engineered for high-speed, permanent marking and engraving on a diverse range of materials including metals and plastics. Featuring a high-quality fiber laser source and a speedy galvo scanning system, it delivers consistent, maintenance-free performance suitable for 24-hour industrial production. Its compact, user-friendly design makes it an ideal solution for electronics, automotive parts, and precision instrumentation applications.

Technical Specifications

Laser Performance Metrics

3000 mm/s
Max Marking Speed

0.025 mm
Marking Accuracy

1064 nm
Wavelength

Model Variants

Model	Laser Power	Working Area
SFM20	20W	110x110mm
SFM30	30W	175x175mm
SFM50	50W	300x300mm

System Details

- Frequency: 20kHz - 100kHz
- Beam Size: 0.1mm
- Power Stability: $\pm 0.5\%$
- Cooling Way: Forced-air Cooling
- Power Supply: 220V/50Hz/2kVA

Compatibility & Usage

Supported Materials

Stainless Steel • Silver • Gold • Bamboo • Paper • Plastic • Wood • Glass • PVC

Software Compatibility

AutoCAD, CorelDRAW, Photoshop, EzCad

Supported File Formats

PLT, PCX, DXF, BMP, JPG