

Desktop Fiber Laser Marking Machine

This desktop fiber laser marking machine is designed for easy portability and requires only air cooling. It delivers a high-quality output beam, ensuring reliability and maintenance-free operation.



Overview

Precision Desktop Fiber Laser Marking

This desktop fiber laser marking machine is engineered for high-precision, permanent marking on a wide variety of metallic and select non-metallic materials. Featuring advanced fiber laser technology, it delivers rapid, accurate results suitable for both industrial and commercial applications. Its compact design ensures efficient space utilization, while the included user-friendly software facilitates easy design import and parameter adjustment.

Technical Specifications

Cooling Method

Force-air Cooling

Available Laser Power

10W, 20W, 30W, 50W

Laser Wavelength

1064 nm

Repetition Frequency

20kHz - 100kHz

Performance Metrics

Key Performance Metrics

7000 mm/s

Max Marking Speed

0.0025 mm

Repeated Accuracy

20 μm

Min Focus Diameter

Marking Scope Options

- 70 x 70 mm
- 100 x 100 mm
- 200 x 200 mm
- 300 x 300 mm

Compatibility & Support

Supported File Formats

PLT, BMP, DXF, JPG, TIF, AI

Processable Materials

All kinds of metal and select non-metal materials

Electrical & Logistics

Power Supply

220V / 50Hz / 2kVA

Packaging

Standard Crate for export