

Portable Fiber Laser Marking Machine for Jewelry

This portable fiber laser marking machine is designed for jewelry and other materials. It features a compact design for easy transport and precise marking on various materials.



ADDITIONAL IMAGES



Overview



A comprehensive overview of the EM-Smart features, including its compact design, 20W power, and versatile marking capabilities for various materials.

Compact & Portable Laser Marking Solution

The EM-Smart is the world's smallest 20W fiber laser marking machine, weighing only 10kg and featuring a unique patented foldable structure with hidden cables. Designed for plug-and-play simplicity, it allows for high-precision marking on jewelry, gifts, and various industrial materials anywhere at any time. This maintenance-free system requires no consumables and offers a long service life of up to 100,000 hours.

Performance Highlights

Key Performance Metrics

20 W Laser Power	10 kg Net Weight	100000 h Working Life	120 W Power Consumption
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Technical Specifications

Optical Components

- High-speed laser scanner head
- Optimized F-Theta lens
- Stable fiber laser source

Laser Source

20W Fiber Laser

Connectivity & Software

Data Transfer

Method	Speed/Type
USB Connection	Up to 500 KB/s
Flash Drive	Direct Transfer

Operating System Compatibility

Windows XP, Windows 7 (32/64-bit), Windows 10 (32/64-bit)

Supported File Formats

JPG, BMP, DXF, PNG

Design & Build

Physical Features

- Foldable structure
- Hidden cable design
- Compact vertical support
- Integrated control buttons

Applications

Ideal For

Jewelry Marking • Gift Stores • Handcrafters • Creative Agencies • Personalized Branding

Support & Warranty

Machine Warranty

2 years

Maintenance Requirement

Maintenance-free with no consumables required