

Fiber Laser Marking and Engraving Machine

This fiber laser marking machine is designed for high-precision marking and engraving on a variety of materials. It features a compact design with an integrated control system and a high-quality fiber laser source for creating permanent marks.



Product Overview

High-Precision Fiber Laser Marking

This fiber laser marking and engraving machine is designed for high-precision, permanent marking on both metallic and non-metallic materials. Featuring a compact, solid construction with excellent dynamic properties, it offers low power consumption and long operational life without the need for maintenance. Its high-quality laser beam and stable control software make it ideal for demanding applications in industries such as electronics, medical devices, automotive, and precision instruments.

Technical Specifications

Output Power	20 W
Wavelength	1064 nm
Beam Quality (M2)	1.4
Pulse Width	100 ns
Marking Speed	1200 letters/s
Position Resolution	<10urad

Performance Metrics

Key Performance Metrics

80 kw

Peak Power

150 mm

Scanner Field

0.02 mm

Min. Line Width

Operational Requirements

Power Supply	200V AC 50-60Hz 600W
Cooling System	Air to air

Applications

Suitable Industries	Electronics, Automotive, Medical Equipment, Jewelry, Clocks & Watches, Precision Instruments
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