

Fiber Optic Laser Marking Machine



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Characteristics:

Fiber laser marking machine is the most advanced laser marking equipment in the world today. Mainly used to replace the traditional backward manufacturing processes, such as screen printing, pad printing, corrosion, mold stamping, etc.. Advanced laser processing system can rapidly improve production quality and production efficiency

→ **Reliable & Long Lifetime:** The lifetime of the fiber laser is much longer than that of the ordinary flashing lamp. It has good energy stability, reliable performance, full curing device, free maintenance and long service life. It is especially suitable for large-scale production lines

→ **Good Beam Quality:** the laser beam is more stable and the efficiency is higher

→ **No pollution, no noise, not require supplies, power consumption is 5% - 10% of the traditional model.** The other features: output laser spot smaller, thinner line marking, the minimum line width is 0.05mm, suitable for fine graphics and text. Marking effect is easier to debug. Laser frequency is high, marking speed is faster

Widely used in electronic components, integrated circuit (IC), electrical appliances, mobile phone communications, hardware, tool accessories, precision instruments, watches, jewelry accessories, auto parts, plastic buttons, building materials, food and pharmaceutical packaging, PVC pipe, medical equipment and other industries

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Specifications:

Items	Spec
Max Laser Power	20W
Repeatability Frequency	10-400KHz
Wave Length	1064nm
Beam Quality M2	<1.5
Standard Engraving Range	100*100/150*150/175mm*175mm
Line Speed	7000mm/s
Min Line Width	0.05mm
Repeatability	±0.05mm
Power Requirement	220V±22V / 50Hz / 10A
Power Consumption	500W
Environmental Temperature	20-32°C
Relative Humidity	<80%
Dimension	750mm*800mm*1400mm