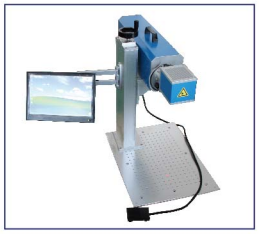
>>> LF Series Portable Laser Marking Machine



CYCJET 豫昶实业

CYCJET LF LASER

Features:

- Laser oscillation in the fiber optical wave, low dissipation, performance stability and is not affected by external dust gas and mechanical looseness, the output of a laser beam is stable.
- 100000 hours of free maintenance.
- Processing speed is 2 to 3 times the traditional laser marking machine.
- Wind cooling fiber laser, no consumables, low maintenance, high photoelectric conversion rate, low consumption (800 w) or less, use cost.
- Integrated design, small size (there are a whole cabinet and portable optional).
- Environmental adaptation ability strong can be in vibration, shock, dust, humidity environment continuous work, easy to implement with optical fiber coupling, which can realize remote work.
- Bar code, qr code, graphics, text rules and irregular marking serial number, etc.
- Software running on WINDOWS platform, Chinese/English interface, can be compatible with AUTOCAD, CORELDRAW, PHOTOSHOP software, such as PLT, PCW, DXF, BMP, etc, but also can be used directly SHX, ttf font.

Application Scope:

Suitable for electronic components, electronic products, IT industry, auto parts, hardware tools products, precision instruments, gift accessories, medical equipment and other high-end products of precision, fine logo printing. Typical applications such as plastic (PA66) insulation flying laser marking, metal plate laser marking, packing box body online laser marking, etc.

Parameters:

Output Power:10/ 20/30/50W Fiber Laser
Beam quality M2: ＜2
Laser wavelength: 10.64 μm
Air cooling
Pulse frequency: 20 KHZ – 100 KHZ
Marking range:
110 mm x 110 mm (can be customized)
MarkingSpeed:7000mm/s
Marking Depth: ≤0.3mm
Marking Line Width: 0.01–0.2mm (based on difference material).
Min character Size: 0.015mm.
Repeat accuracy: + / – 0.003 mm
Marking area locating: Red–light locating system.

Power supply:
AC 100–260 v 50/60 hz
Power: ≤800W
Using the environment: temperature 10 to 40 ℃, humidity 45–85%, no dust, no smoke, no corrosion, no inflammable and explosive gases.