



Mini Marker

Portable Fiber Laser Marking Machine

18W / 26W / 50W

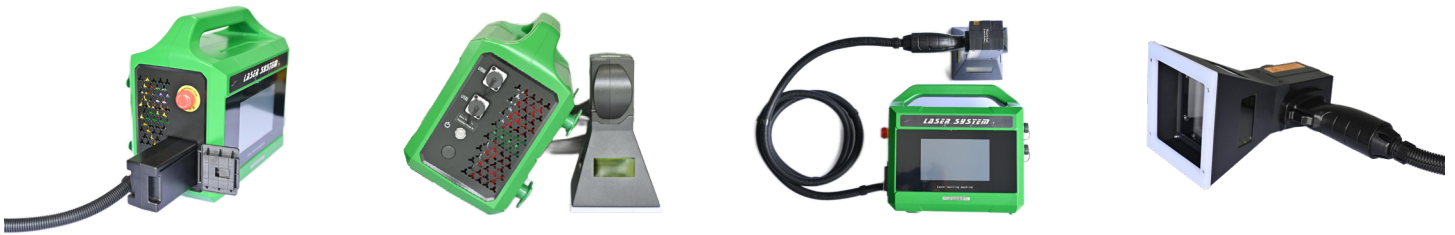


OVERVIEW

The Mini Marker Portable Laser Marker is designed to be easily portable and manageable. With its rechargeable battery, it can operate for up to 7 hours per charge. Weighing only 9.1 kilograms, it's incredibly convenient to carry around wherever you need it.

It's versatile and capable of marking various materials including metals, plastic, glass, rubber, and acrylic. Featuring advanced laser technology, this marker delivers precise and high-resolution marking, perfect for applications like logos, serial numbers, barcodes, and identification marks.

Its user-friendly interface and intuitive controls simplify operation, enhancing efficiency and ensuring seamless workflow.



APPLICATIONS

This versatile laser marking machine is designed to work with a wide range of metals, including stainless steel, brass, aluminum, steel, and iron, as well as various non-metallic materials like ABS, nylon, PES, PVC, and Makrolon.

- **Electronic Components:** Ideal for marking resistors, capacitors, chips, printed circuit boards, computer keyboards, and more.
- **Mechanical Parts:** Suitable for bearings, gears, standard parts, motors, and other machinery components.
- **Instruments:** Perfect for engraving on panel boards, nameplates, and precision instruments.
- **Hardware Tools:** Effective on knives, tools, measuring devices, and cutting tools.
- **Automobile Parts:** Compatible with marking pistons, rings, gears, shafts, bearings, clutches, lights, and other automotive components.
- **Everyday Items:** Great for customising handicrafts, zippers, key holders, sanitary ware, and more.

FEATURES



Portability

Weighing just 9.1 kg, this lightweight, hand-held device is easy to transport and maneuver, making it ideal for marking large, heavy, or stationary objects.



Rechargeable Battery

Equipped with a rechargeable battery that supports up to 7 hours of continuous operation after a 4-hour charge, allowing for offline use in various environments.



Low Maintenance

The air-cooled system eliminates the need for complex maintenance procedures, ensuring reliable performance over time.



User-Friendly Interface

Features integrated control software with a touchscreen interface, simplifying operation and reducing the learning curve.



High Speed

Capable of marking speeds up to 7000 mm/s, enhancing productivity.



Energy Efficiency

Designed with low power consumption, making it economical and environmentally friendly.



Versatile Applications

Suitable for marking a wide range of materials, including metals like gold, silver, brass, copper, steel, stainless steel, aluminum, and non-metals such as acrylic, ABS, nylon, PVC, and rubber.



Precision Marking

Offers a minimum line width of 0.015 mm and a minimum character size of 0.2 mm, ensuring detailed and accurate markings.

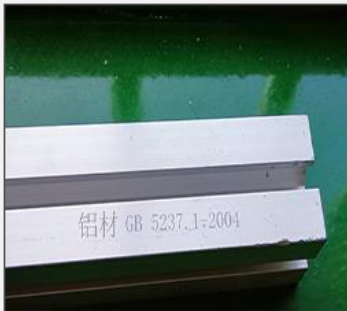
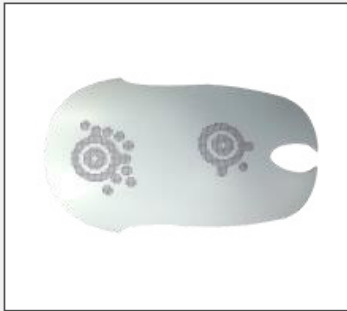
ADVANTAGES

- **Standard Marking Areas:** Provides standard marking areas of 50mm x 50mm or 100mm x 100mm, accommodating various application needs.
- **Laser Power Options:** Available in 26W and 50W models, providing flexibility based on marking requirements.
- **Enhanced Mobility:** Its compact design and battery operation enable use in various settings, particularly where traditional marking machines are impractical.

SPECIFICATIONS

Parameters	Mini Marker
Handheld Size (mm)	241.5 x 79 x 151 / 325 x 79 x 151
Control Box Size (mm)	310 x 260 x 307 / 310 x 269 x 307
Weight (kg)	8.4 (no battery) / 9.1 (with battery)
Battery Capacity	12 Ah
Full Charge Time	4 Hours
Work Temperature	0 - 40°C
Output Power	18W / 26W / 50W
Laser Type	JPT / MAX Fiber Laser
Marking Speed	7000 mm/s
Printing Speed	650 Characters / Sec (depending on material and print content)
Controller	Integrated motherboard with embedded 7" screen
File Formats	BMP / DXF / HPGL / JPEG / PLT
Marking Range	100mm × 100mm
Marking Line Type	Dot matrix / vector integrated machine
Positioning Method	Red light positioning
Pulse Energy	0.75 mj
Laser Wavelength	1064 nm
Cooling System	Air-cooled at room temperature
Continual Usage Time	≤7 hours
Frequency Range	30 - 60 kHz
Operating System	Linux
Humidity	30 - 85 RH (no condensation)
Barcode / 2D Code	CODE39, CODE128, CODE126, EAN13, PDF417, 01CODE, QR, AZTECCODE.DM, GS1DM, DOTCODE, HANXINCODE, etc.
Pollution Class	2
Overvoltage Class	II
Reflector Size	8.5mm (standard)

MARKING & ENGRAVING SAMPLES



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LASER MACHINES