

Micro hand-held laser marking machine

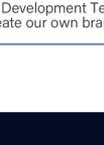


Introducing our all-new industrial-grade compact laser marking machine, designed with the latest integrated technologies. Developed over five years and validated on-site by over 300,000 users, this series combines simplicity of operation with unmatched efficiency. Our 6 kg micro marking machine replaces traditional equipment weighing up to 150 kg, effectively solving "last-mile" after-sales challenges. Standardized mass production ensures consistent quality while significantly reducing costs, enabling successful miniaturization in the laser marking industry. The result: lower logistics and service expenses, giving manufacturers a clear competitive advantage.

Our strengths



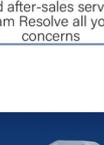
Manufacturer direct supply
Factory direct shipping
No middleman markup



Self-developed
Professional Research and Development Team
Create our own brand



Quality assurance
Focused and stringent
Strict control of product quality

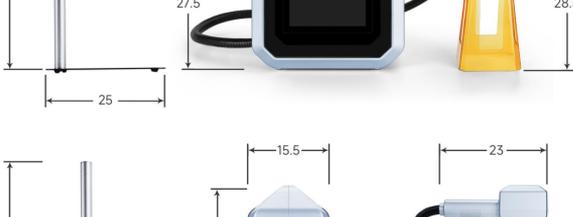


Professional team
Professional pre-sales and after-sales service team
Resolve all your concerns

Micro hand-held laser marking machine



Measurement unit : cm





Portable Design
4.5-7.0kg mini handheld design, compact and lightweight, suitable for various scenarios

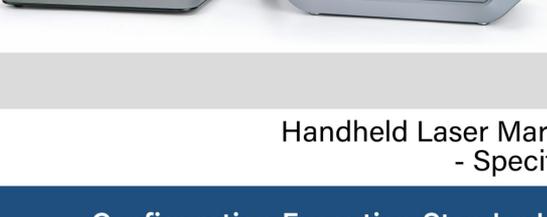
Power Design
220V plug-in version/lithium battery version enables limitless endurance, capable of long-term full power operation

Touch Screen Design
7-inch fully bonded LCD display, one-touch activation. Multi-purpose device. Hardware compatibility is diversified

Equipped with Linux System
Features an 8-core processor with a high-level security configuration, stable performance, and rapid response

Technical Specification Sheet

Laser	Fiber Laser Generator (Second Generation)
Output Power	20W/30W/50W
Marking Range	100x100mm, 150x150mm, 175x175mm
Scanning Galvo Mirror	Precision Dual-Axis Scanning System
Laser Wavelength	1064nm
Marking Speed	≤7000mm/s
Total Weight of the Machine	
Operating System	Linux System
Marking and Engraving Line Types	Dot Matrix and Vector Integrated Machine
Line Width	0.03mm
Repeat Positioning Accuracy	0.01mm
Positioning Method	Red Light Positioning, Focusing
Number of Lines for Character Imprinting	Flexible Marking within Effective Range
Printing Speed	800 Characters (Dependent on Material and Printing Content)
Font	Standard Fonts for Simplified and Traditional Chinese, English, Numbers
File Formats	BMP, DXF, HPGL, JPEG, PLT
Barcode	CODE39, CODE128, CODE126, QR
Power Supply	222Wh10AH
Machine Power Consumption	≤250W
Operating Temperature of the Entire Machine	0-40°
Total Weight of the Machine	4.5-7.0kg (Plug-In Version 4.5-6kg, Battery Version 5.5-7kg)



Handheld Laser Marking Machine - Specification Sheet

Configuration Execution Standard

Serial Number	Standard
GB 7247-87	Radiation Safety of Laser Products, Requirements for Equipment Classification and User Guidance
GB10320-88	Electrical Safety of Laser Devices and Facilities
ISO9000-3	International Software Standards
IEC 536	Classification of Protection Against Electric Shock for Electrical and Electronic Equipment



1. When the laser is turned on, it's prohibited to aim at humans, animals and flammables to avoid skin burns and fire.
2. The laser brightness is harmful to the eyes. Don't look directly at the laser.
3. Keep hands away from the machine during operation to avoid injury.
4. Turn off the machine when it is not in use to avoid misoperation by third parties.

Focused Cultivation, Win-Win Cooperation

Leading into the future, it starts now!

The brand new handheld laser marking machine is your ideal choice for efficient marking!

Act now

Let this revolutionary device become the new partner in your career!

We look forward to your joining

Let's create a better future together!



Key and Port Description

USBport



