



IDZ

Fiber Laser Marking Machine



Overview

- **Small size and ultra-portable**, ensuring to start laser engraving work anytime and anywhere in various space scenarios
- **Self-developed laser**, stable beam, fine engraving, and long service life.
- **Compatible with a variety of terminal devices**, supporting Windows/MAC OS/IOS/Android.
- **Strong expandability built-in rotation drive**, can expand the arc rotation engraving mode.
- **Industrial galvanometer**, scanning speed 7000 mm/s, faster engraving speed
- **Auxiliary red light focusing**, the two points coincide with the focal length, and the focal length adjustment is completed in one step.

Parameter

Product Model	IDZ
Laser Power	10W
Marking Range	110*110mm
Focus Length	160mm
Marking Speed	≤7000mm/s
Marking Depth	≤0.2mm（Differences in materials）
Minimum Line Width	0.06mm（Differences in materials）
Lifting Method	Manual lifting
Focusing Method	Dual red-light autofocus
Connection Method	Computer—USB； Phone—WIFI
Software Language	Computer—CN/EN/DE/FR/ES/TC/JA/KO
	Phone—CN/EN
Support File Formats	PLT/DXF/AI/SVG/JPG/GIF/BMP/PNG
Support System Types	Windows/Mac OS/Android/IOS， compatible Lightburn
Laser Brand	Ideeda
Control Card	ADD Mark
Galvanometer	ZBTK
Field Lens	JGZ
Input Power	DC（24V,5A） AC（100-240V,50-60Hz）

Size



Packaging Method:
Carton+anti-collision cotton
Product Size: 310*220*400mm
Packaging Size: 440*340*230mm
Product Weight: 6.2kg
Packaging Weight: 7.5kg

Parts List



Power Cord



Data Cable



Correction Card



Focusing Film



Foot Switch



USB Flash Drive



Ruler



Positioning Strip



Hex Wrench



WIFI-Antenna

Options



A. Fixture Rotation



B. Roller rotation

Advantage



• Compact In Size

Lightweight design, easy to travel, super light experience, small volume can also meet various customization needs



• ADD Mark Software

Software supports IOS/Android/Windows/MAC OS clients, compatible with Lightburn.



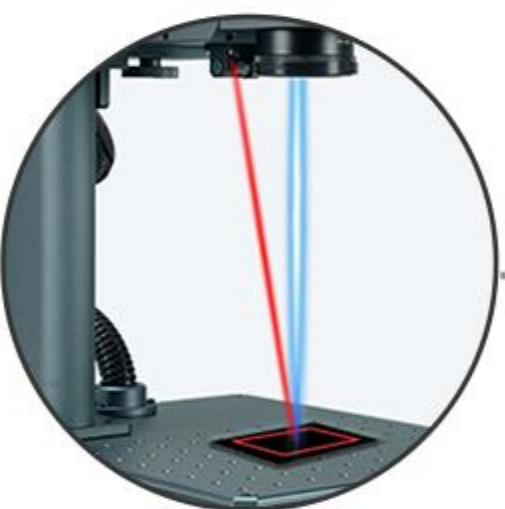
• Built-in Extension Driver

According to the demand, the rotary fixture is matched to achieve various spherical, ring-shaped, conical and other shapes of items engraving



• Quality Laser

Laser with stable quality, long life, fast speed, and high efficiency, multiple power options available to meet different process requirements.



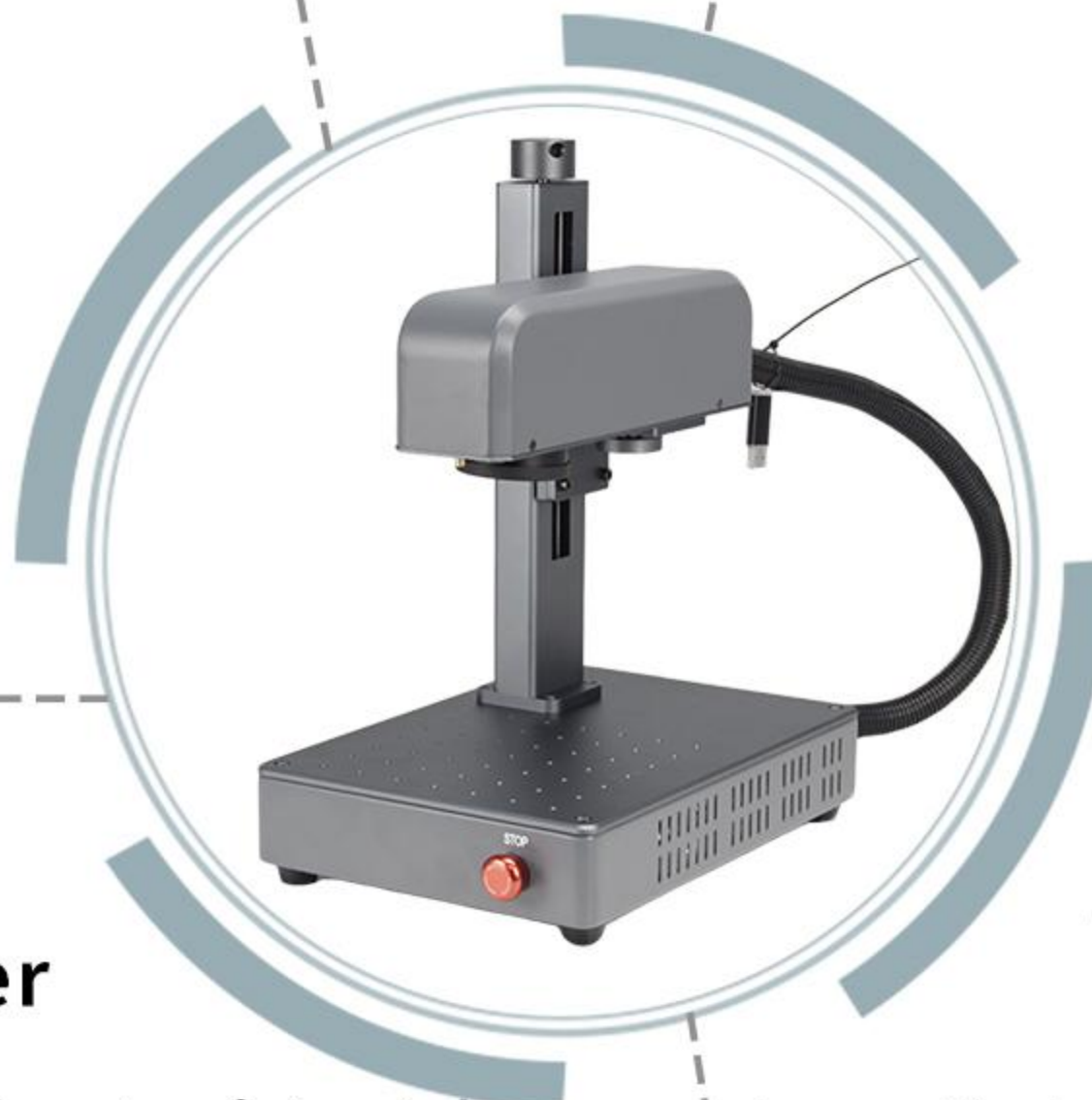
• Dual red-light Autofocus

Auxiliary red light focusing, manual adjustment of up and down, to achieve precise focusing, making the marking adjustment more accurate



• Simple Switch

Twist the switch, minimalist operation, no cumbersome operation sequence, simple and easy to use, worry-free and labor-saving.



Sample Showcase



Please contact us for more sample images or videos!

IDZ fibre laser marking machines can be used on a variety of materials, including metals such as steel, iron, copper, aluminium, gold and silver, as well as other metals and alloys. They can also be used on plastics such as ABS, PVC and PC, as well as on leather, painted surfaces, electroplated surfaces, stone, ceramics and silicon-based materials.