



IDX

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	IDX
Laser Power	20W / 30W / 50W
Marking Range	110*110mm
Focal 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: 374*265*468mm

Packaging Size: 470*360*280mm

Product Weight: 10.2kg

Packaging Weight: 12kg

Parts List



Power Cord



Data Cable



Correction Card



Focusing Film



Foot Switch



USB Flash Drive



Ruler



Positioning Strip

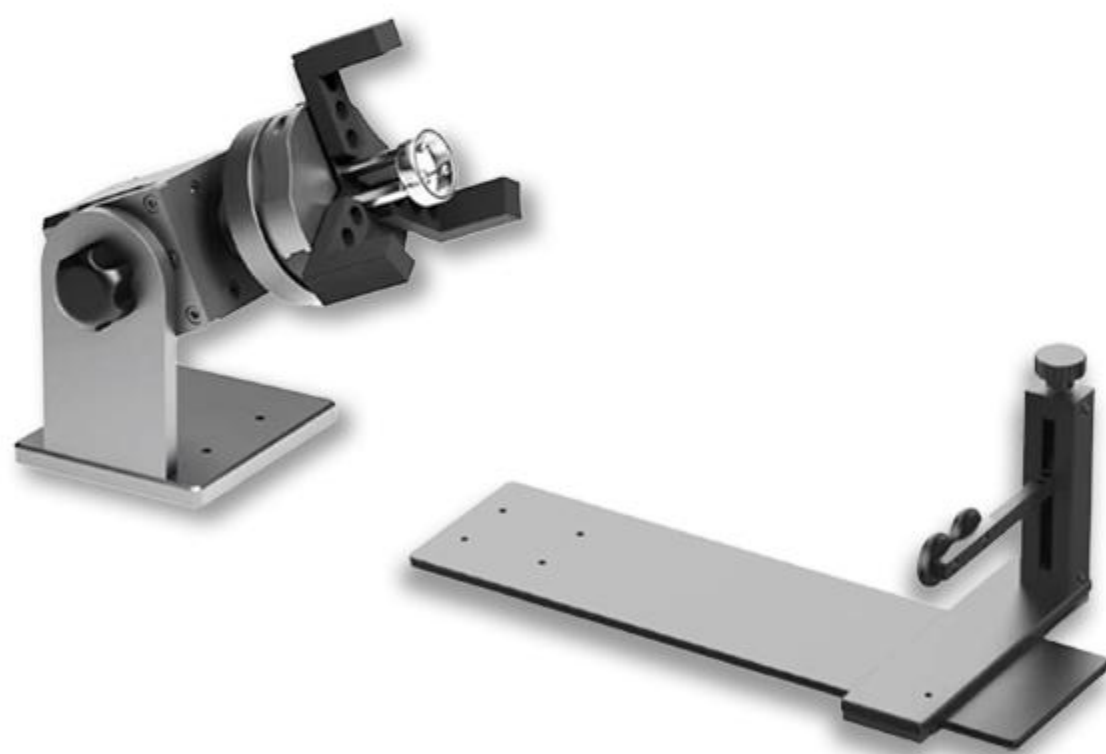


Hex Wrench



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.



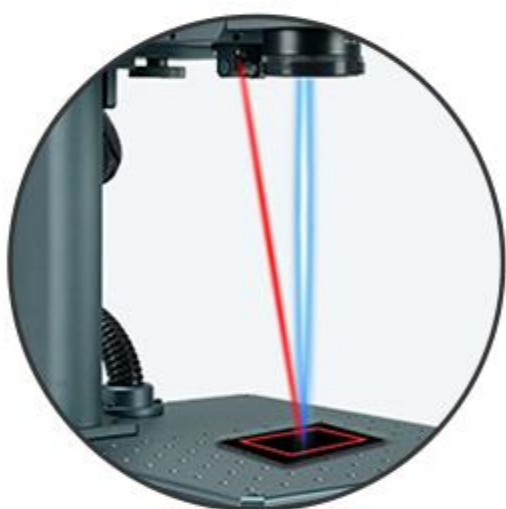
• Rotary Fixture Adapter

The machine is equipped with a built-in rotary drive that is compatible with various rotary fixtures, enabling flexible marking on curved, cylindrical, and spherical products.



• High-Quality Laser Source

Laser with stable quality, long life, fast speed, and high efficiency, Optional: 20W / 30W / 50W to meet different process requirements.



• Dual-pixel 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



The IDX fiber optic marking machine is widely used for metals and alloys such as steel, iron, copper, aluminum, gold, silver, titanium, as well as opaque hard plastics such as ABS/PVC/PC, Paint/electroplated, stone, ceramic, silicon and other material products