Compact sized marking system with laser

INGRASER-L50

Fiber Marking Laser is able to do high-speed and high-accuracy marking on various materials employing Pulsed Wave Ytterbium -doped laser with scan head. The device has been used in various fields such as automobile, electricity, electronics and others for its own high-speed and accuracy. It is a high-end marking solution that perfectly meets customer's needs.
RED Technology Co Ltd. Marking Laser utilizes a configuration module known for its excellent quality and performance with its long-term use of this control technology. Also, it is adaptable to various requests from different industries fields as well as assuring industrial safety standards.

Functions

- Ultra high-speed marking on various metal metals
- Various marking types such as regular marking, black marking and deep marking, etc
- Easy Guide laser enabled to check marking position
- Easy to check and set a focus height with a dual-focus beam
- High-accuracy scan head provides clear marking for small letters which is difficult to discern with the naked eye
- Built-in laser shielding window for safe device use
- Installation and use with compact size
- Chamber structure for user's safety
- Specialized laser engraving software
- It can engrave on the ring and pen

Specification

Size	315mm(W) x 422mm(H) x 570mm(D)	Beam quality	M2 <1.5	Power consumption	< 400W
Max. engraving area	70mm(X) x 70mm(Y) X 45mm(Z)	Marking speed	3000mm/s	Laser wavelength	1,064nm
Laser power	20W	Frequency	1~600kHz	Cooling system	Air Cooling
Power supply	AC 100~240V 50/60Hz	Weight	34kg	Laser	Fiber
Blower Power Port	AC 220V/2A	Resolution	0.001mm(X,Y)	Available pen length	150mm

Uses	Engraving serial number, barcode, logo, graphic image on various subjects such as automobile, electricity, electron, mobile, medical device, tool and etc. Engraving name, initial, pattern, image on products such as ring, pendent, watch, jewelry and accessories. Engraving various metal materials such as carbide, aluminum, brass, stainless steel, titanium and etc.

Ultra high-speed marking on various metal metals

- High-quality marking on various metal materials such as jewelry, accessory, nameplate etc in an ultra-fast and accurate fashion.
- Various marking types: Regular marking, Black marking and deep marking etc.
- Selectable power (output) depending on the purposes.

Supports Pen marking

- Provides an exclusive clamp for marking pens.
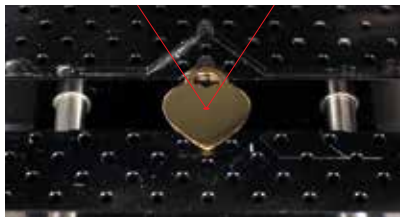- Easy marking with an exclusive clamp.

Engraving small letters

- High-accuracy scan head provides clear marking for small letters in 0.5mm size which is difficult to discern with the naked eye.

Fast and easy focus setup

- Easy to check and set a focus height with a dual-focus pointer

Automatic serial number marking

- Repetitive marking such as serial number is automated to minimize user interference.
- Automatic change of serial number with just an engraving button.

L type clamp to use easier

- Just put down a material and start engraving without fixation.

Specialized laser engraving software

- Intuitive interface provides easy-to-learn, dedicated software that provides automation to simplify marking of various formats
- Easy to make texts, images, logos and barcodes.
- Supports dxf, svg file extension.

Easy installation and use with compact size

- Minimizes installation space by designing compact size that can be placed on table.
- The weight is devices lighter than the general laser engraver and makes transfer easier as well.

(mm)
315
422

Direct control of Blower power

- Provides a power switch to control the power of the blower directly from the device
- Resolves the inconvenience of turning the power of the blower off and on every time

QR Code engraving system

- Offers various types of marking formats for barcode such as 1D barcode, 2D Data Matrix, QR Code.

Intuitive height adjustment

- Adopt manual height adjustment method
- Easy and intuitive focus setting with focus pointer

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