



Beijing Eastsigns Technology Co.,Ltd

#8-3-102, yard 140, zhonghaicheng, chengshou road, Chaoyang District, Beijing
Site: www.eastcnclaser.com Mail: cnclaser@eastcnclaser.com Skype: topmachine2007

This portable fiber laser marking machine have 10W/20W/30W model with small valume and weight and high marking speed, can be used in variety of material.

CE certificate is also available, one year warranty, quality is assured.



Specification and configuration:

Model	ESL-F10W/20W
Fiber Laser Source	RAYCUS(Maxphotonics /IPG laser optional)
Output Power	10W
Laser wavelength	1064nm
Modulation frequency range	50-200kHz
Speed	7000mm/s
Marking depth	0.05-1.5mm (different according material)



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Precision	0.0001mm
Minimum line width	0.01mm
Minimum height of characters	0.1mm
Cooling way	Air cooling
Marking range	70*70mm/110*110mm/160*160mm/200*200mm optional
Laser power supply	0.5KW/AC220V/50Hz
Software	Auto-cad, Coreldraw, Photoshop software compatible
Weight	30KGS

Fiber laser marking machine mainly consists of four parts: fiber laser, galvanometer scanning system, computer control system and the worktable.

Name	Origin(brand	Remarks
Optical maser	Raycus (Maxphotonics , IPG fiber laser for optional)	Long service life, high reliability, fine beam quality
Galvo mirror	Galvo-tech(digital)	Fine marking, more quick and high reliability
F-θ lens	wavelength(Singapore)	High quality optical device
Marking software	Special marking Software (JCZ software)	Powerful, simple and convenient operation, Auto-cad, Coreldraw, Photoshop software compatible form
Control computer	China	Lenovo
Control cabinet	China	Optical fiber special cabinet, all the mold production,high seal

Parts with the fiber machine:

No.	Name	Unit	Quantity
1	Computer	pc	1
2	Remote control switch	pc	1
3	Dimmer piece	pc	1
4	Randonm tools	set	1



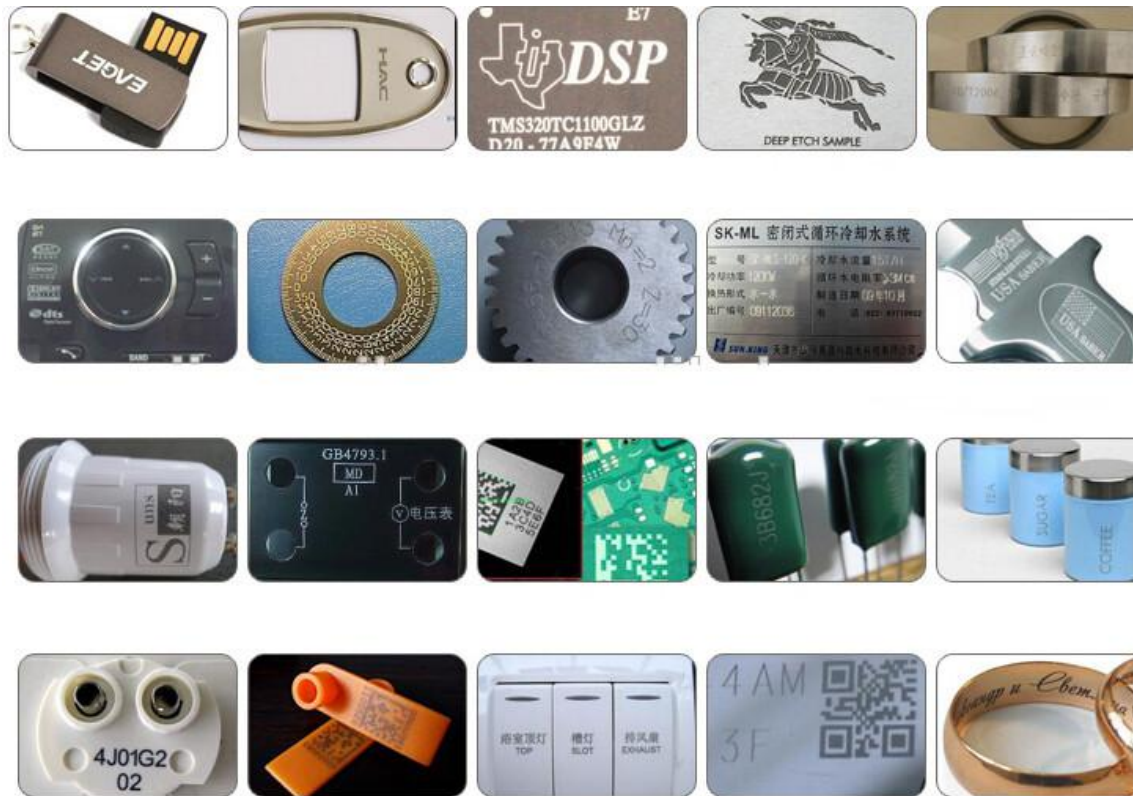
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Application:

Applicated Industry: Jewellery, Keyboards of cell phone, Auto parts, Electronic components, Electronic appliance, Communication apparatus, sanitary wares, buckles, kitchenware, Sanitary equipments, Hardware tools, Knife, Glasses, Clock, Cooker, Stainless steel products etc.

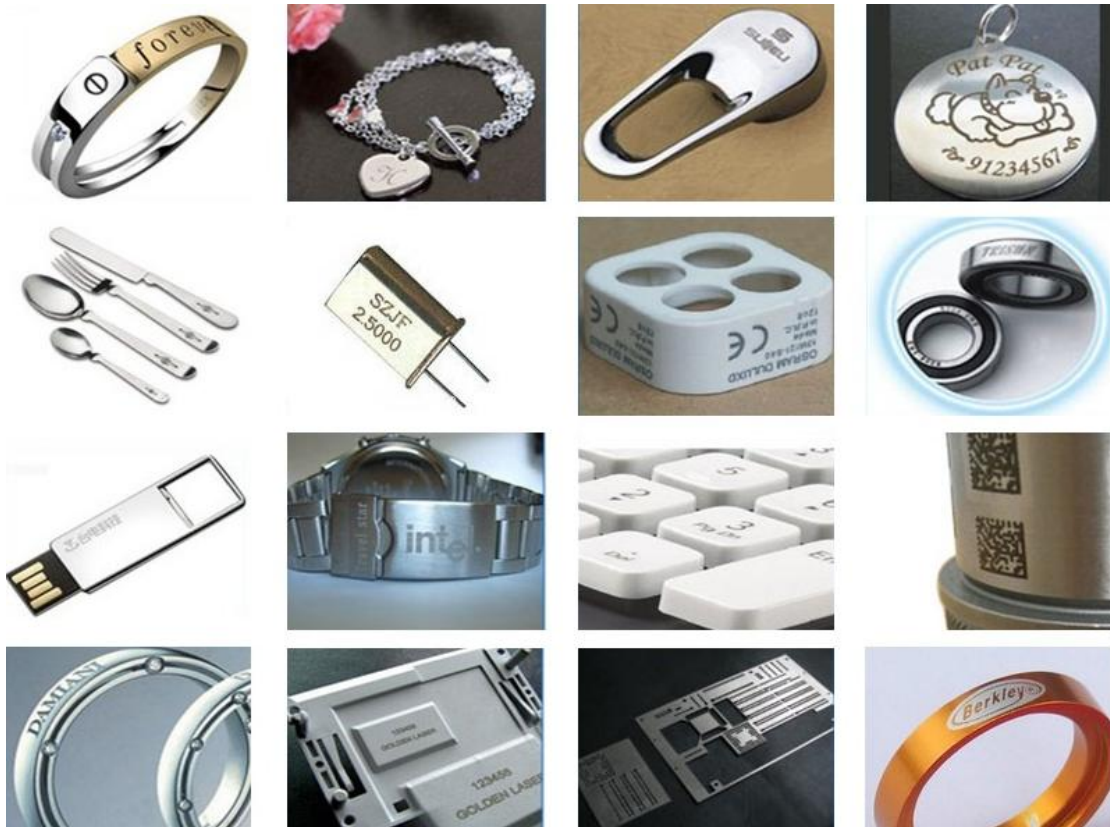
Applicated Materials: Engraving bar codes, decorative map, LOGO, factory number, production date, dial on all Metals (Gold, silver, copper, alloy, aluminum, steel, stainless steel, name card), Non-metal (Plastic: engineering plastic and hard plastic, etc. Used in electronic components integrated circuits, mobile communications, precision instruments, glasses watches and clocks, computer keyboard, accessories, auto parts, plastic buttons, plumbing fittings, sanitary ware, PVC pipe, medical equipment, packaging bottles, etc)





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Features:

- 1,Optical Fiber Laser, environment friendly, easy maintenance,
- 2,Life of the laser can be up to 100000 hours,
- 3.Small volume and weight, less than 35KGS,
- 4,According to the characteristic of products,we can design special fixtures
- 5,With high-quality scanning galvanometer, greatly improving mark speed
- 6,Easy operation software, compatible with PHOTOSHOP, CORELDRAW, AUTOCAD
- 7,Mark with the feature of clear and beautiful, the bar code clear and easy to be scanning

Details:

- 1, The galvanometer scanning system is made of optical scanner and servo control of two parts, the whole system adopts new technology, new material, new design and manufacturing.
- 2, The smallest volume, suitable for harsh environment, friendly interface, easy operation.
- 3, Adopts the high quality, high energy, high stability fiber laser source, prime precision optical galvanometer assembly and the industry' s top software.
- 4, Compact, lightweight, simple interface, flexible and adjustable processing direction.
- 5, The master switch, red light switch and galvanometer switch.
- 6, High precision scale.



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1
ONE

GALVANOMETER

The galvanometer scanning system is made up of optical scanner and servo control of two parts. the whole system adopts new technology, new material, new technology, new working principle, design and manufacturing.



2
TWO

MIRROR

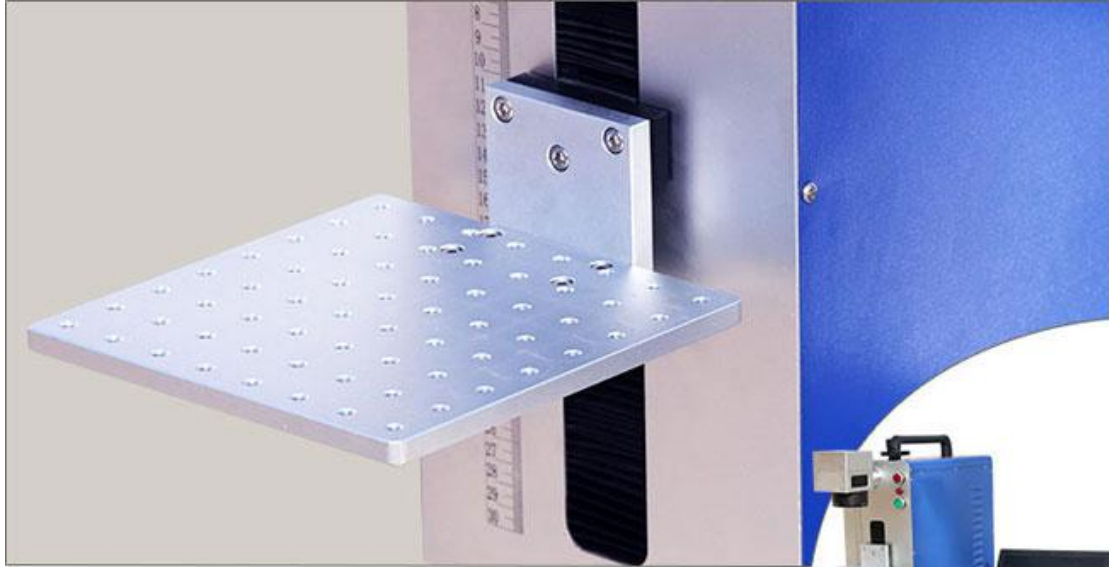
Small size (the smallest), suitable for harsh environment, friendly interface, want to see a few income; the input screen you want, screen display information, will be the machine marking information.





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4
FURE

POSITION PLATE

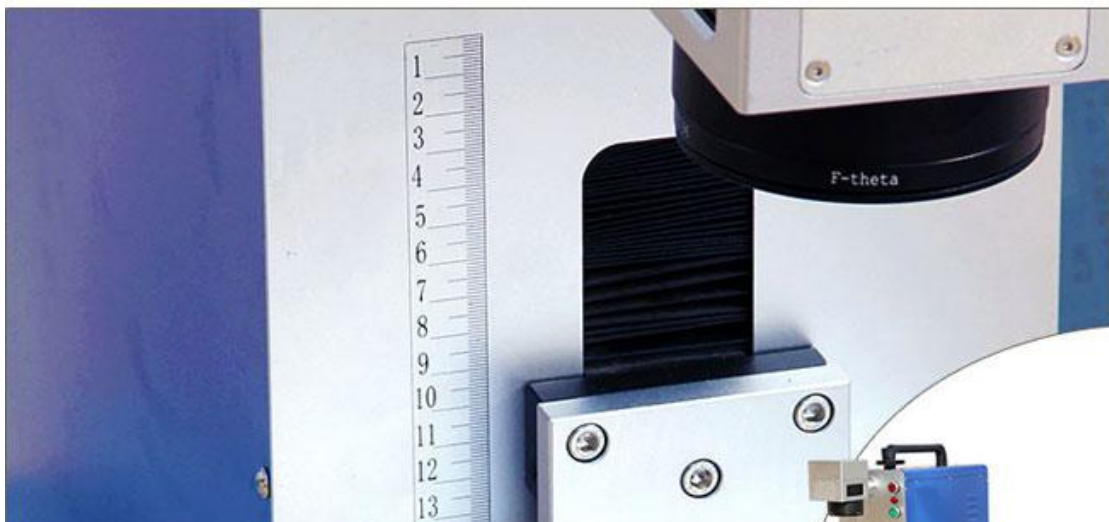
Compact, rugged, lightweight, compact, simple interface, flexible processing direction adjustable, handle.



5
FIVE

SWITCH

The three switch is in turn: the master switch, red light switch, mirror switch.





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