

# Fiber Laser Marking Machine

Z30



## The use features of fiber laser marking system:

1. Beam quality excellent, used in precision, fine marking.
2. Small size, and carrying convenient, To adapt to the requirements of processing sites often transform, realize the portable.
3. Laser power output stability, equipment high reliability.

## Equipment composition and configuration introduction:

1. Fiber-optic laser marking machine mainly consists of four parts: IPG fiber laser light, road and galvanometer scanning system, computer control system and the workbench.
2. Excellent beam quality to ensure that optical fiber laser marking machine in a variety of material satisfying marking effects, including: metal, ceramic, PCB, coating plastic and glass, etc.

## Life of the optical fiber laser:

optical fiber laser marking machine use 915 nm laser diode as the sources are used to pump, the average working hours to 100000 hours.

### Small and exquisite Volume , applicable in the bad environment:

Because fiber with very good soft around sex, laser design quite small flexible, compact structure, small volume. Optical fiber surface area/volume ratio is high, cooling effect is good, need not huge water cooling system, just simple air cooling can, can be in bad conditions, such as high impact, high vibration, high temperature, dirt under the conditions of the normal operation.

### Free maintenance operation:

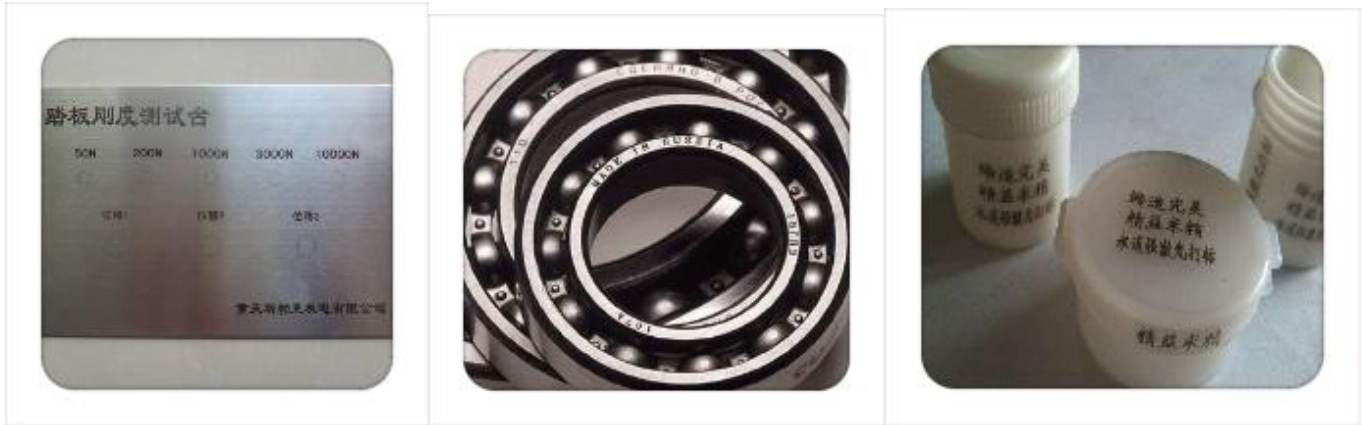
Optical fiber laser is no need for any maintenance (not including adjust or clean lens)

### Technology parameter:

Technology index		Z30
Laser parameters	optical maser	WUHAN RAYCUS
	Laser wavelength	1064nm
	Average output power	30W
	Whether or not to bring the light isolation	bring
	Modulation frequency range	20kHz~80kHz
Galvanometer parameters	Maximum speed	7000mm/s
	resolution	0.001mm
	Repositioning precision	0.003mm
Optical output characteristics	Marking range	F = 160 mm, range 110 x 110 mm (with standard)
	Minimum line width	0.01mm
	Minimum height of characters	0.2mm
Cooling system	Cooling way	Air cooling
System properties	Laser power supply	0.5KW/AC220V/50Hz
	Manual working table stroke	Movements itinerary 285 mm (desktop type)
	Environmental requirements	0 ~ 35 ° C, 90% or humidity

### Samples of fiber laser marking machine:





**Contact US:**

**Shandong Zing International Trade Co.,ltd**

**Tel: 0086-531-88976806; Fax: 0086-531-88976807**

**Email: [info@jdcutters.com](mailto:info@jdcutters.com); Skype: jdnancy**

**[www.cnclasermachinery.com](http://www.cnclasermachinery.com); [www.zingcnclaser.com](http://www.zingcnclaser.com)**