

## MINI Handheld LASER ENGRAVER

BGF20 mini handheld type



Galvo parameters	Maximum speed	7000mm/s
	resolution	0.001mm
	Repositioning precision	0.003mm
Optical output characteristics	Marking range	60*60 mm/100*100mm
	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/60Hz
	Environmental requirements	0 ~ 35 ° C, 90% or humidity

#### ◆ Machine feature

**Machine style:** Small all-in-one type

**Long Lifetime:** can reach 50,000 hours.

**Compact:** The high-tech product, which is combined of laser device, computer, auto controller and precision machinery.

**High Precision:** Re-position precision is 0.003mm

**High Speed:** Imported scanning system makes the scanning speed is up to 7000mm/s

**Easily Operating:** Afford the specific marking software based on Windows, which is real-time adjust the laser power and pulse frequency. You can input and output by computer according to edit in the both of the specific marking software and the graphic software such as AutoCAD, CorelDRAW or Photoshop.

**Energy Saving:** The efficiency of optic-electrical converting is up to 70%

**Low Running Cost:** No wearing part. Free maintaining, no need to adjust the laser path.



#### ◆ About Detail of laser machine



◆ **Applicable to material and fields:**

- Many type of metals: Gold, Silver, Stainless Steel, Copper, Aluminum, chrome Brass, etc
- Alloy and metal oxides: Anodized Aluminum
- Some non-metallic materials & Special surface treatment: silicon wafer, ceramics, plastic, rubber, epoxy resin, ABS, Printing ink, Plating, Spraying, Coating film

◆ **Applicant Industry**

- Electrical Engineering and Electrical part and component
- Mobile (Cover, battery, keyboard, I Phone Case)

- Jeweler (Ring, pedant, bracelet), eyeglass, clocks and craft
- Building materials, PVC pipe
- Car motor car spare part
- Instrument and meters and cutting tool
- plastic case
- hardware fitting and accessory
- sanitary appliance

#### ◆ Spare parts and documents

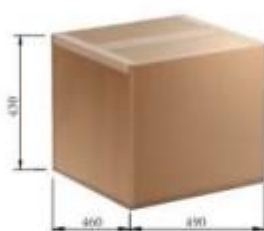
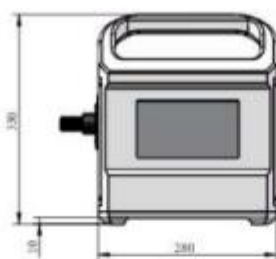
No.	Material name	quantity	remarks
1	User's manual for machine and for software	2 Copies	Contain equipment operation, installation and maintenance of the content
2	Protective glasses	1Pair	Protective your eye when u operate the laser machine

#### ◆ Video of Operation



Note: We have video to teach customer how to start laser marking machine and marking.

### ◆ Machine package



外包装尺寸: 490\*460\*430mm 包装后总重量约10kg

Package: 490\*460\*430mm  
Weight: 10KG

### ◆ Transport

You can choose by DHL/TNT express, Air shipping, Sea.etc



By express company



By Air



By Sea