

## Fiber Laser Marking Machine

| Quantum-FL20B Fiber Laser Marking Machine  |  |
|--|--|
| SPECIFICATION  |  |
| Laser wavelength   | 1064nm   |
| Laser Type   | Fiber Laser(TEM00, M2<1.2)                         |
| Laser output power   | 10W /20W 30W                                       |
| Modulation frequency   | 20 ~ 100 KHz                                       |
| Max. Marking speed   | 7000 mm/s, (according to the material)             |
| Marking area   | 70*70mm(standard), 110*110mm, 175*175mm, 200*200mm |
| Repeatability  | 0.01 mm  |
| Positioning accuracy   | 0.01 mm  |
| Marking depth  | 0.01 ~ 0.2mm(according to the material)            |
| Beam Diameter  | 10um   |
| Cooling  | Air cooled   |
| Z Axis   | Manual, Motorized (optional)                       |
| Rotation   | Can be rotated automatically (optional)            |
| Power supply   | Single phase 220V AC 50/60Hz, 500W                 |
| Construction   |  |
| <p><b>Components</b></p> <ul style="list-style-type: none"> <li>➤ fiber laser source</li> <li>➤ We can customize a jig to hold round metal workpiece, as photo shows</li> <li>➤ Visible red beam pilot laser</li> <li>➤ Digital Laser POWER SUPPLY</li> <li>➤ High speed Galvo Head and F-θ Lens</li> <li>➤ USB Control CARD</li> <li>➤ Special marking software</li> <li>➤ Industry PC</li> </ul>   |  |
| Brief Introduction   |  |
| <p><b>Equipment performance</b></p> <p>The machine adopts originally imported fiber laser and imported speedy Gavol scanning system. High quality of light beam, long using time, stable equipment performance exempts maintenance. It is speedy, and precious. Marking has non-touched process, permanent effect, humanized operation, and stable running. The proprietary control software may compatible software output of AutoCAD, CorelDraw, Photoshop, etc. It can realized automatic edition and correction of characters, signs, graphs, images, bar codes, two-dimensional codes, automatically increased serial numbers. It can support various file formats like PLT, PCX, DXP, BMP, JPG, and so on. It may use TIF fonts directly. 24-hour non-stop running makes it meet the demand of massive on-line and off-line industrialized production.</p> <p><b>Application</b></p> <p>The machine is widely applied in electronic component, the communication, the spare parts of automobiles and motorcycles, instrument and meter, aerospace, war products, hardware and machinery, measuring and cutting tools, sanitary equipment, medication, food and beverage, cosmetics, drugs packing, medical appliance, solar energy, handicraft and so on. It is suitable to mark on all kinds of metal and partial nonmetallic material.</p> <p><b>Special Function</b></p> <p>It can mark different color with different parameter such as red, green, blue and etc. The parameter setting and the focus distance setting can be obtain the color marking. But the color will be changed according to the different environment temperature and humanity etc.</p> |  |

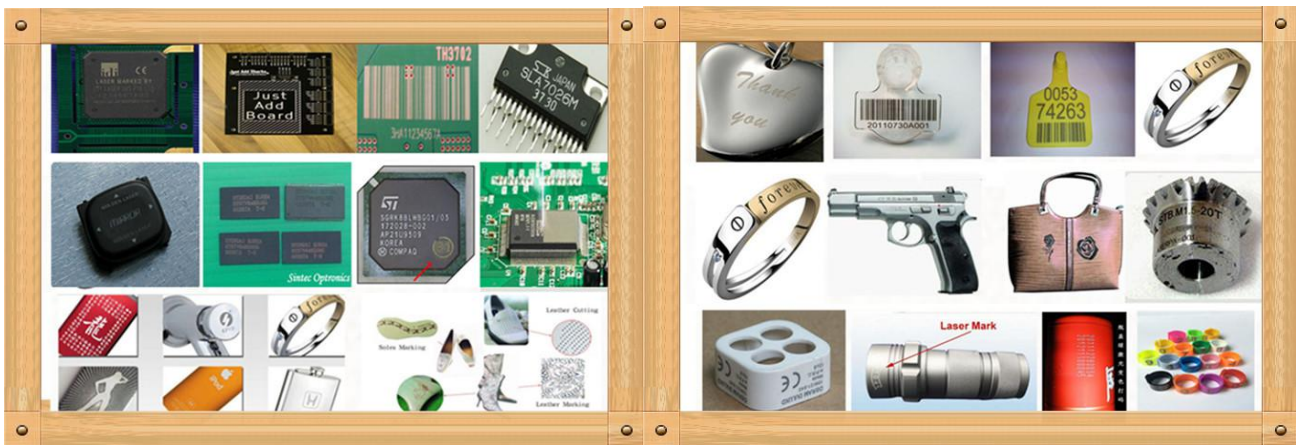
### Warranty Period

One year from the date the machine arrives the destination Except consumable part damage artificially. The seller is responsible for offer free fittings in the warranty period (the buyer has to send the damaged fitting to seller.)

The artificial damage in the warranty period and damage after warranty period, the seller offers paid service. If the customer needs the engineer to supply the service oversea, all the expends will be paid by the customer.



## Marking Samples:





**ISO90001**

**CE**



**Certificate**

## Service Promise:

We persist in customer-oriented strategy to provide customers with satisfactory pre-sale and after-sale service of training and maintenance etc.

### 1. Pre-sale Service

- . Before signing the contract, our company will offer various proposals of production process, the technical consultation, testing samples, selection of equipment models etc

### 2. Free training for clients' staff in our factory on:

- . Common operation of the machine & software;
- . Basic maintenance and cleaning;
- . Solutions to common hardware & software malfunction;

### 3. On-site Technical Support:

- . If clients need on-site installation assistance, clients shall bear the relevant costs including visa, hotel, transportation and accommodation.

### 4. Warranty:

- . One year guarantee period for the whole machine.
- . Free replacement spare parts in warranty period, freight on your side.
- . Software is upgraded for free within one year.

### 5. Others:

- . Free technical consulting.
- . Response to customer's FAQ within 24 hours.
- . Users also enjoy the life-long service after warranty period, relevant expenses on customers' account.

## Product Quality Standards: ISO9001 2000

We established quality management system to strictly control and manage the quality of product according to the ISO9001 standard, so as to manufacture products that can reach the customers' expectation.

After signing the contract, we should customize, manufacture. After the equipment is fully tested, it will be shipped to customer within the contracted time.

## Contact details

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