

## 光纤激光打标机

### FIBER LASER MARKING MACHINE

#### 技术参数 Technical Parameters

激光器: 国产激光器或(德国IPG或英国SPI)  
 激光功率: 10W/20W  
 激光波长: 1060nm  
 光束质量:  $m^2 < 1.5$   
 激光重复频率:  $\leq 100$  KHz  
 标准打标范围:  $110 \times 110$ mm  
 选配打标范围:  $50 \times 50/100 \times 100/150 \times 150$ mm  
 雕刻深度:  $\leq 1.2$ mm  
 雕刻速度:  $\leq 12000$ mm/s  
 最小线宽: 0.01mm  
 最小字符: 0.05mm  
 重复精度:  $\pm 0.001$ mm  
 整机耗电功率:  $\leq 500$ W  
 电力需求: 220V/50Hz/10A  
 冷却方式: 风冷

Laser module: CHINA(German IPG or UK SPI)  
 Laser power: 10W/20W  
 Wavelength: 1060nm  
 Beam quality:  $m^2 < 1.5$   
 Laser Repeat frequency:  $\leq 100$  KHz  
 Standard Marking Scope:  $110 \times 110$ mm  
 Optional Marking Scope:  $50 \times 50/100 \times 100/150 \times 150$ mm  
 Marking Depth:  $\leq 1.2$ mm  
 Marking Speed:  $\leq 12000$ mm/s  
 Minimum Line Width: 0.01mm  
 Minimum character: 0.05mm  
 Repeated accuracy:  $\pm 0.001$ mm  
 Consumption power:  $\leq 500$ W  
 Power supply: 220V/50Hz/10A  
 Cooling mode: Air cooling

#### 产品特性 Product Features

- ▲ 1、速度快, 配合高速振镜
  - ▲ 2、体积小, 重量轻
  - ▲ 3、无耗材, 低耗, 功率小于500W
  - ▲ 4、完全风冷, 不需要水冷机, 维护简单
  - ▲ 5、不受恶劣环境和气温变化影响, 在停电状态下可使用蓄电池, 汽车点烟器进行工作
  - ▲ 6、产品折旧成本可以大大降低, 可充分满足客户大批量、稳定的生产
- ▲ High speed with galvanometer;
  - ▲ Small volume, light weight;
  - ▲ Low power, consumption power is less than 500w
  - ▲ Completely air cooling, low energy;
  - ▲ No influence of the severe environment and temperature change. If no power, battery and car cigarette lighter can be used for working;
  - ▲ Greatly reduce the depreciation cost, satisfying customers' stable large quantities producing.

#### 应用行业 Applicable Industry

应用行业: 金银饰品、卫生洁具、食品包装、瓶装饮品、药品包装、医疗器械、眼镜钟表、汽车配件、电子五金

适用材料: 金银、不锈钢、陶瓷、塑料、玻璃、石材、皮革、布料、竹木等

典型案例: 汽车配件打标, 烟草打标, 啤酒打标, 戒指打标, 电子产品打标

Applicable industry: gold & silver jewellery, sanitary ware, food packing, tobacco products, medicine packing, medical apparatus and instruments, watches&glassware, auto accessories, electronic hardware

Applicable materials: gold & stainless steel, ceramic, plastic, glass, stone, leather, cloth, bamboo and so on

Applicable show: auto accessories marking, tobacco products marking, beer bottle marking, ring marking, electronic products marking

#### 经典案例 Application Show



电路板打标  
CPU MARK

工业品打标  
AIRWARE MARK

贵金属打标  
NOBLE METAL MARK

金属打标  
METAL MARK

太阳能金属板打标  
METAL SHEET MARK