

# 光纤激光打标机系列

Fiber laser marking machine series  
SFM10 / SFM20

## ■ Equipment Performance

The machine adopts originally imported fiber laser and imported speedy girov 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, DXF, 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.

## ■ Applicable fields

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.

## ■ Optional configuration

Online flying marking, Holiday marking, USB port offline working.

## ■ The main of technical parameters

Type specification	SFM10	SFM20
Laser mode	Base motif	
Wave length of laser	1.06 μm	
Laser power	10W	20W
Laser repetition frequency	20kHz - 100kHz	
Marking speed	≤8000mm/s	
Repetition precision	0.0025mm	
The minimum focus focus diameter	30 μm	
Minimal character	0.1mm	
The marking scope	70 x 70mm or 100 x 100mm	
Power supply	220V/50Hz/2kVA	
Cooling ways	Forced-air cooling	

## ■ 设备性能

该设备采用原装进口光纤激光器和进口高速振镜打标系统, 光束质量好, 使用寿命长, 性能稳定免维护。具有高速、高精度的特点。打标过程非接触, 打标效果永久性, 操作过程人性化, 设备运行稳定性好, 10万小时免维护。专用控制软件可兼容 AutoCAD、CorelDRAW、Photoshop 等多种软件输出, 能实现文字符号、图形图象、条形码、二维码、序列号自动递增等的自动编排和修改, 支持 PLT、PCX、DXF、BMP、JPG 等多种文件格式, 可直接使用 TTF 字库。24 小时连续运行, 满足工业化大批量在线或离线生产需要。

## ■ 应用领域

广泛应用于电子元器件、通讯、汽车摩托车零配件、仪器仪表、航空航天、军工产品、五金机械、工具器具刃具、洁具、医药、食品饮料、化妆品、药品包装、医疗器械、太阳能、工艺品等领域, 适用于各种金属和部分非金属打标。

## ■ 选配

在线飞行打标、旋转打标、USB 接口控制。

## ■ 主要技术参数

型号规格	SFM10	SFM20
激光模式	基础	
激光波长	1.06 μm	
激光功率	10W	20W
激光重复频率	20kHz - 100kHz	
打标速度	≤8000mm/s	
重复精度	0.0025mm	
最小聚焦光斑直径	30 μm	
最小字符	0.1mm	
打标范围	70 x 70mm 或 100 x 100mm	
使用电压	220V/50Hz/2kVA	
冷却方式	强迫风冷	