

# Portable Pulse Laser Cleaning Machine



## Portable Design · Easy Operation

Chassis with strap buckle — can be carried on the shoulder. External battery supported.

便携设计·轻松作业  
机箱配备背带扣,可肩背携带。可外接电池。

## High Efficiency · Great Value

Stable system, easy to control—up to 50,000 hours of service life.

高效稳定·性价比高  
系统稳定易操控,使用寿命高达5万小时。

## Precision · Eco-Friendly

Precision & Eco-Friendly · No Substrate Damage  
Keeping the base material intact. Eco-friendly, with no secondary pollution.

精密环保·不伤基材:不损伤基材。绿色环保,无二次污染。

## Application Samples 样品



Mold Cleaning  
模具清洗

Tire Mold Cleaning  
模轮胎模具清洗

Laser Rust Removal  
激光除锈

Wood Surface Cleaning  
木材表面清洗

Stone Surface Cleaning  
石材表面清洗

## Core Parameters 核心参数

Laser Power 激光功率	50W	100W	200W
Max pulse energy 最大脉冲能量	1.1mJ	1.6mJ	1.5mJ
Pulse repetition rate 脉冲重复频率	45-170kHz	20-200kHz	20-200kHz
Dimensions (L*W*H) 产品尺寸	280*220*122mm	280*380*150mm	339*450*163mm
Total weight 重量	8Kg	10Kg	15.5Kg
Applications 适用场景	Mold cleaning · Electronics · Stone cleaning · Artifact restoration · Wood paint removal · Precision machinery. 模具、电子元件、石材清洁、文物修复、木材除漆、精密机械表面处理等。		

# Green Laser Crystal Engraving Machine



## Smart & Easy Operation

Smartphone control, no PC needed. Beginner-friendly, learn in 1 hour. Auto Z-axis lift for higher accuracy.

智能操控,操作简单:手机操控,无需电脑,1小时上手,自动升降Z轴精度更高。

## Versatile & High-Quality Engraving

Engraves on acrylic, crystal & glass. Supports 2D/2.5D/3D. Fine & uniform laser dots.

多材质适用,雕刻精美:支持亚克力、水晶、玻璃等材质,2D/2.5D/3D雕刻,激光点细腻均匀。

## Eco-Friendly & Durable

No dust, no pollution. Wear-resistant & tamper-proof. Energy-efficient (≈0.5 kWh/h).

环保耐用,低耗节能:无尘无污染,耐磨防篡改,每小时约0.5度电。

## Application Samples 样品



## Core Parameters 核心参数

Laser Power 激光功率	5W
Laser Wavelength 激光波长	532nm
Maximum Engraving 最大雕刻尺寸	70*70*70MM
Suitable Materials 适用材料	Crystle, glass, acrylic, PC/PET sheet, transparent materials. 水晶、玻璃、亚克力、PC/PET片材、透明材料
Bare Machine Dimensions 主机尺寸	500*250*510MM
Bare Machine Weight 主机重量	26KG

# Fiber Laser Marking Machine



## Multi-Scenario Applications

Supports Ethernet, Bluetooth, dual red-light stand, distance sensor, and more.

多场景应用：支持以太网、蓝牙、双红光支架、距离传感器等多种配置。

## Multiple Models Available

Available in long-character, electromagnetic mount, cooling fan, compact desk stand, and more.

多种款式：提供长字符打标款、电磁铁吸附款、加配风扇、小型桌面支架等多种款式。

## High-Quality Materials

All-aluminum alloy body — solid, durable, and smooth with extended roller design.

优质材料：全铝合金机身，真材实料，坚固耐用，加长滚轴移动更丝滑。



## Application Samples 样品



**Automotive Generator Housing Marking**  
汽车发电机壳体打标

**Plastic Marking**  
塑料打标

**Mouse Marking**  
鼠标打标

**Jade Marking**  
玉石打标

**Ceramic Marking**  
陶瓷打标

## Core Parameters 核心参数

Laser Power 激光功率	20W / 30W / 50W
Laser Wavelength 激光波长	1064nm
Working Area 工作区域	70×70mm / 100×100mm (optional)
Suitable Materials 适用材料	Stainless steel, aluminum alloy, copper, iron, etc. 不锈钢、铝合金、铜、铁等。
Bare Machine Dimensions 主机尺寸	525*423*310mm
Bare Machine Weight 主机重量	8kg (plug-in version)

# Dual-Source Laser Marking Machine



## Ultra-Fast Engraving · 10x Efficiency

7000mm/s — over 10x faster. Fast batch processing and precision joining.

极速雕刻 · 效率倍增：7000mm/s 超快速度，较传统设备提升 10 倍以上。批量生产与精密拼接皆可快速完成。

## Dual-Source · All-in-One

Red (1064nm) + Blue (450nm). Works on metal, plastic, ceramic, glass, leather, wood. One machine, all materials.

双光源 · 一机多用：1064nm 红光 + 450nm 蓝光。适用金属、塑料、陶瓷、玻璃、皮革、木材等。一机多用，无需频繁换设备。

## Smart Control · Easy to Use

PC & mobile preset. LightBurn compatible. Easy to learn with professional tutorials.

智能操控 · 轻松上手：支持 PC 端 + 手机端 预设，兼容 LightBurn。专业软件与教程，新手快速上手。

## Application Samples 样品



**Food Industry**  
食品类

**Jewelry & Accessories**  
珠宝首饰

**Educational Tools**  
学习教育

**Home & Daily Use**  
家常用品

**Art & Craft**  
艺术工艺

## Core Parameters 核心参数

Laser Wavelength 激光波长	Red Light (1064nm): 25W Blue Light (450nm): 20W
Working Area 工作区域	100*100MM
Suitable Materials 适用材料	Metal, plastic, ceramic, glass, leather, wood, and more. 金属、塑料、陶瓷、玻璃、皮革、木头等多种材料。
Bare Machine Dimensions 主机尺寸	280*210*425mm
Bare Machine Weight 主机重量	8.75Kg