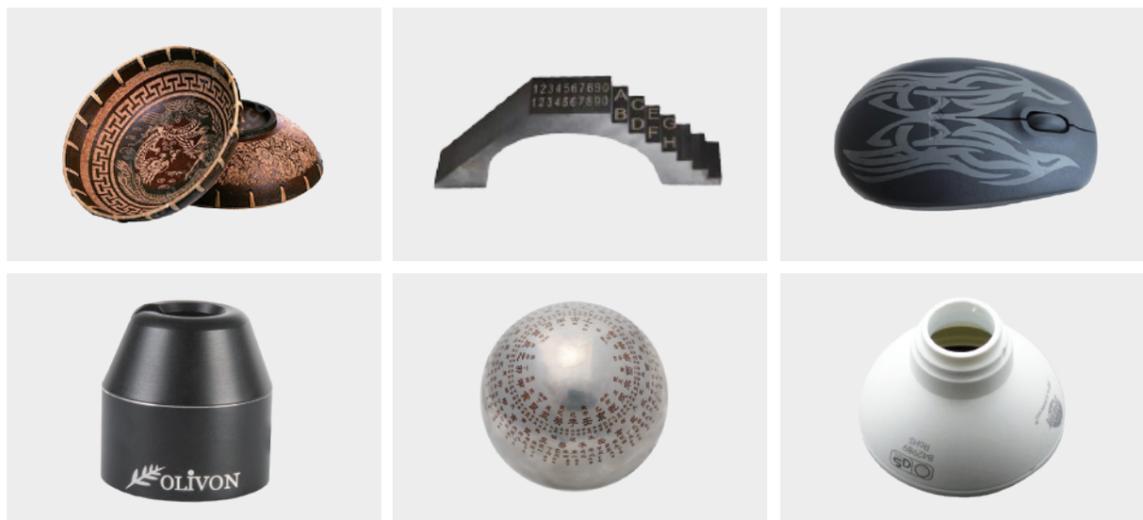


三维动态激光打标机

3D DYNAMIC LASER MARKING



产品介绍 Introduction

本机适合于大弧面高落差的三维产品雕刻，搭载三轴控制“3-AXIS”自由控制焦距，在任何形状上均可高精度刻印，可应对各种阶梯面，实现各种形状的无差别打标。切换设定就可应对不同产品的焦距、位置和形状变化。无需移动工件即可完成切换工作。可选用 3D 曲面标刻、浮雕、视觉定位系统、动态流水线打标等多种功能。

This machine is suitable for three-dimensional product engraving with large arc surface height drop. It is equipped with three-axis control "3-AXIS" to control the focal length freely. It can be printed with high precision in any shape. It can cope with various step surfaces and realize various shapes. Differential marking. Switch settings to handle changes in focus, position and shape for different products. Switching can be done without moving the workpiece. 3D surface marking, embossing, visual positioning system, dynamic pipeline marking and many other functions are available.

设备特点 Feature

- 高精度的三维定位技术，高速聚焦与扫描系统，激光光束基模、短脉冲、高峰值功率、高重复频率。
- 三维图形处理技术，适用于 dxf、plt、cnc、step、iges 等多种格式文件。
- 不同高度平面标记和浮雕功能，打标速度快，提高加工效率。
- High precision 3D positioning technology, high-speed focusing and scanning system, short pulse, high-peak power and High Pulse Repetition Frequency.
- 3D graphics processing technology, it is suit for many file formats, such as dxf, plt, cnc, step, iges, etc;
- Different height flat marks and embossing functions, fast marking speed and high processing efficiency.

应用行业 Application

广泛应用于手机制造、立体电路、医疗器械、模具、3C 电子、汽车零部件、电子通讯等行业产品的激光三维打标。Widely used in industries which demand finer effects, higher speed and greater depth, such as electronics components, electrical appliances, jewelry, glasses, hardware, auto parts, communications products, plastic buttons, integrated circuit (IC) and so on.

适用材料 Materials

适用于三维曲面的各种金属或非金属材料。
Applicable to Metal, alloy and its oxide, ABS, epoxy resin, printing ink, etc.

性能 / 型号	Performance/model	SK-3DF50	SK-3DF100	SK-3DC100	SK-3DC-150
最大平均功率	Max.Average power	50W	100W	100W	150W
激光波长	Wavelength	1064nm		10600nm	
冷却方式	Cooling	风冷 Fan		水冷 Water	
光束质量	Beam quality	<1.3		<1.8	
标记范围	Marking scope	100×100×20 mm 至 600×600×80mm			
打标方式	Marking mode	XYZ 三轴动态聚焦 / XYZ three-axis dynamic focus			
供电电源	Power supply	220V±10%, 50Hz			