

高速振镜激光焊接机

GALVANOMETER LASER WELDING



产品介绍 Introduction

高速振镜激光焊接机是点焊、缝焊和长脉冲钻孔应用的选择。采用风冷、紧凑型结构设计。脉冲和连续两种工作模式，焊接重复性好、激光器输出功率稳定、加工一致性高、变形小、焊点无污染、焊缝无气孔。

High-speed galvanometer laser welding machines are the choice for spot welding, seam welding and long pulse drilling applications. Air-cooled, compact construction. Pulse and continuous working mode, good welding repeatability, stable laser output power, high processing consistency, small deformation, no contamination of solder joints, no porosity in welding.

设备特点 Feature

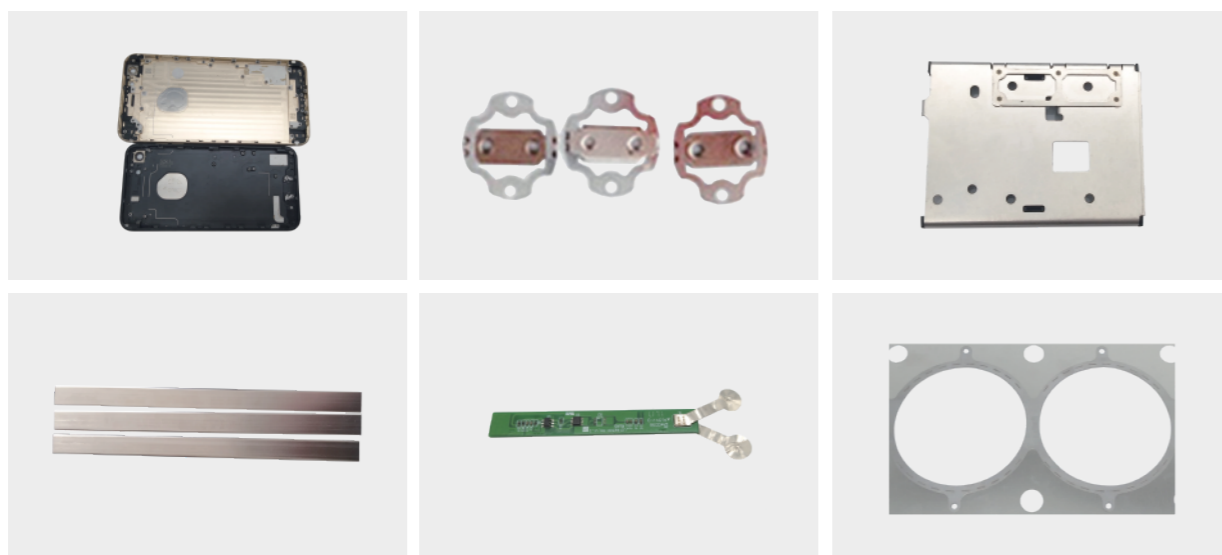
- 振镜扫描速度快，范围大，无需直线运动轴。
- 可选配扩展 X、Y 水平移动电动工作台，适合在焊接区域超过振镜扫描范围的情况下使用。
- 振镜 Z 轴电动调整，方便焦点调节。
- 可选配 CCD 视觉系统，方便观察焊接效果。
- Fast scanning speed, large range, eliminating the need for a linear motion axis.
- Optional extended X, Y axis electric moving platform, suitable for use in welding areas beyond the scope of galvanometer scanning.
- The galvanometer Z-axis is electrically adjusted for easy focus adjustment.
- Optional CCD vision system for easy observation of welding results.

应用行业 Application

应用于新能源、3C、IT 电子、光通信、精密五金等产品的高效率激光点焊或密封焊。
High-efficiency laser spot welding or sealing welding for new energy, 3C, IT electronics, optical communications, precision hardware and other products.

适用材料 Materials

适用于精密不锈钢、碳钢薄板、铜箔、铝箔、金、银等多种金属的焊接。
Suitable for welding of precision stainless steel, carbon steel sheet, copper foil, aluminum foil, gold, silver and other metals.



性能 / 型号	Performance/model	SK-QCW150	SK-QCW300	SK-QCW450
最大输出功率	Max.Output power	150W	300W	450W
最大峰值功率	Peak power	1500W	3000W	4500W
激光波长	Wavelength	1070±5nm		
冷却方式	Cooling	风冷 / 水冷 Fan/Water		
功率可调性	Power Tunability	10-100%		
工作模式	Working model	脉冲 / 连续 Pulsed/CW		
供电电源	Power supply	220V±10%, 50Hz		