

高速振镜光纤激光焊接机

HIGH-SPEED SCAN LASER WELDING



本机具有高精度高速度等优势，配备专业的焊接软件，可选脉冲或连续两种工作模式，焊接重复性好、加工变形小、焊点无污染、焊缝无气孔，满足各类型金属薄板的焊接需求。

This machine has the advantages of high precision and high speed. It is equipped with professional welding software. It can choose pulse or continuous working mode. Good welding repeatability, small processing deformation, no pollution at the welding point, and no porosity on the welding surface, which can meet all types of thin metal plates.

- 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.

应用于新能源、医疗器械、航空航天、汽车配件、仪器仪表、3C、IT 电子、首饰珠宝、五金结构件等产品的高效率激光点焊或密封焊。

Widely used in new energy, medical devices, aerospace, auto parts, instruments 3C, IT electronics, jewelry, Hardware structural parts and other products.

适用于精密不锈钢、碳钢薄板、铜箔、铝箔、金、银等多种金属或合金；也可用于多种异种材料间的焊接。

It is suitable for welding of precision stainless steel, carbon steel sheet, copper foil, aluminum foil, gold, silver and other metals or alloys; also can be used welding between a variety of dissimilar materials.

性能 / 型号	Performance/model	SK-CW500 / 700 / 1000 / 1500	SK-QCW150 / 300 / 450
最大输出功率	Max.Output power	500W 700W 1000W 1500W	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	水冷 Water	风冷 Air
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	AC220V±10%/1PH/50Hz	
机器尺寸 (长 * 宽 * 高)	Machine size (L*W*H)	1300*1800*2150mm	
机器重量	Machine weight	500Kg	