



自动追频  
Automatic  
frequency tracking



振幅控制  
Amplitude control



PLC  
RS485  
控制方式  
Control method



QC  
品质监控  
Quality control



异常保护  
Abnormal protection



- » 追频模式: 自动追频, 实时频率追踪, 定时校正。
- » 焊接模式: 时间, 功率, 能量。
- » 振幅控制: 20-100%精准调节, 1%连续可调, 振幅补偿, 分阶控制。
- » 异常保护: 频率, 功率, 电流, 电压, 温度保护。
- » 显示方式: 4.3寸LCD触摸控制。
- » 控制方法: PLC, RS485, 错误输入端口。
- » 核心物料: 国际品牌IGBT、MCU等电子器件。
- » 品质控制: 焊接质量监控。

- » Frequency chasing mode: automatic frequency chasing, real-time frequency tracking, and timing correction.
- » Welding mode: time, power, energy.
- » Amplitude control: 20-100% precise adjustment, 1% continuously adjustable, amplitude compensation, step control.
- » Abnormal protection: frequency, power, current, voltage, temperature protection.
- » Display mode: 4.3 inch LCD touch control.
- » Control method: PLC, RS485, wrong input port.
- » Core materials: international brand IGBT, MCU and other electronic devices.
- » Quality control: welding quality monitoring.



- » 自动追频超声波发生器 JYD-2900SP, 长发波模式, 适用于清洗、切割、无纺布焊接等, 各类保护齐全, 包括整机过功耗保护, 逆变管过流保护, 逆变管驱动欠压保护, 负载过压保护, 负载频率超出范围保护, 过温保护, 外接器件过流保护。
- » Automatic frequency tracking ultrasonic generator JYD-2900SP, long wave mode, suitable for cleaning, cutting, welding of non-woven fabrics, etc., all kinds of protection are complete, including over-power protection of the whole machine, over-current protection of inverter tube, inverter tube Drive under-voltage protection, load over-voltage protection, load frequency out of range protection, over-temperature protection, over-current protection of external devices.

|                                          |                                                                                                                         |              |              |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| 产品型号<br>Product Number                   | JYD-2900SP                                                                                                              |              |              |
| 频 率<br>Frequency                         | 15KHz                                                                                                                   | 20KHz        | 28KHz        |
| 功 率<br>Power                             | 2600W                                                                                                                   | 2000W        | 300W         |
| 频率范围<br>Frequency Range                  | 18.5-21.5KHz                                                                                                            | 23.5-26.5KHz | 26.5-29.5KHz |
| 工作电压<br>Operating Voltage                | AC220V/50Hz                                                                                                             |              |              |
| 净 重<br>Net Weight                        | 5.8KG                                                                                                                   |              |              |
| 毛 重<br>Gross Weight                      | 7.8KG                                                                                                                   |              |              |
| 机身总尺寸<br>Body Size                       | 384(W)*240(L)*110(H)mm                                                                                                  |              |              |
| 超声波焊接工具头<br>Ultrasonic Welding Tool Head | 钢模/铝模/钛膜, 多种尺寸可供选择, 可定制<br>Steel mold/aluminum mold/titanium film, a variety of sizes to choose from, can be customized |              |              |
| 法兰盘/底膜<br>Flange/Bottom Film             | 可定制<br>Customizable                                                                                                     |              |              |

## 常见应用领域:

适用于各类超声波焊接应用。例如: 金属焊接, 塑料焊接, 口罩焊接, 无纺布焊接, 无纺布切割, 包装焊接, 食品切割, 橡胶切割等。

## Application areas:

Suitable for all kinds of ultrasonic welding applications. For example, metal welding, plastic welding, mask welding, non-woven fabric welding, non-woven fabric cutting, packaging welding, food cutting, rubber cutting, etc.

## 应用场景图片 (可定制) Application Scenario Example(customizable)

