

Ultrasonic Welding Machine

RSM-UWM-3060



Feature

- ▶ Adopt advanced Constant voltage and current control technology, ultrasonic amplitude is continuously adjustable.
- ▶ Adopt intelligent ICS cabinet controlling system, with function of twice ultrasonic, self-inspection while the machine starts up, the amplitude intelligent segmentation and auto tracking.
- ▶ Adopt structure of X guideway of mechanical Welding horn to guarantee the high accuracy.
- ▶ System of protection
 - (1) System Of Voltage Protection (Voltage scope 220V-250V), The output power and working frequency never impacted during the period of voltage balancing automatically.
 - (2) Overload protection, (3) Overcurrent protection (4) Auto make up when the Supply power's frequency unstable. (5) Welding overload protection signal feedback
- ▶ Adopt standard communication protocol output, can upload the real data of each welding to the monitor PC, make sure the records can be tracked then reduce the defective percentage.
- ▶ With Security protection and monitor to avoid the burning of machine.
- ▶ With function of Alarm and reset. The value of alarm is settable, offering better quality control.



- ▶ With function of several levels of PIN code to , to devide the interface of operation and debugging.
- ▶ Inspeciton of processing data and data uploading
- ▶ Intellegent ICS system
- ▶ Intellegent chips digital circuit, high density integration central processing system, millisecond level sampling control.
- ▶ Function of Intellegent segmentation and auto tracking to amplitude.
- ▶ For applicble for various welding requirements, the amplitude can be set between 10% to 100%,duiring the period of 0 to 1000ms.
- ▶ Self inspection and auto compensation on amplitude will execute when machine start up. No need system setting after the horn changed or repaired.
- ▶ The frequency of the horn and the energy convertor will shift along with the temperature and the loarding's change, RS
- ▶ Intellegent welding machine also can do the self inspection and auto compensation on amplitude during whole course to guarantee the energy convertor is woking on syntony status so that the welding can be stable and reliable.
- ▶ Integrated with 7 Inch HMI and visualized chart operation interface.

Specification

Model	RSM-UWM-3060
Frequency	20KHz
Power	6000W
Air Pressure	0.2-0.8MPA
Cycle Time	Within 0.6S
Voltage	220V/50Hz
Weight	130KG
Dimension	980mmx720mmx1650mm