

Ultrasonic Plastic Welding Machine

15khz - 3200Watt (SE-1532)



Summary

Standard series SE traditional frequency tracking system. The ultrasonic frequency 15 kHz, output power of 3200Watt. Desktop machine with oscillation box (optional purchase station work tables). The ultrasonic welding mold design and production according to the work piece. Equipment for the welding of thermoplastic plastic.

Technical Data

Model	SE- 1532
Frequency	15KHZ
Power	3200Watt
Voltage	200-240V/50-60Hz
Weight	105KG
Dimensions	650L*400W*1180H
Welding time	0.01-9.99S

Functions and Features

- ✓ The machine adopts NTK super power transducer.
- ✓ Use IC to control circuit, easy to adjust.
- ✓ Mechanical Digital DIP switch, do the 1/100 scale adjustment, high accuracy with overload protection device.
- ✓ The base leveling, fast frame mode quickly.
- ✓ Concentric straight axis mechanism design, which can effectively eliminate the couple to reduce the back of the machine.

Instructions



→ **Working Detail:**

- 1.Capacity: welding time is only 0.01-9.99 second
- 2.Strength: can bear more pressure and tension
- 3.Quality: finished product is hermetic sealing
- 4.Cost: non bolt or glue, reduce labor and costs

→

→ **Applications:**

- Communications equipment: cordless phones, mobile phone accessories, shell of cell phone, 3-inch floppy disk, U disk, SD card, CF card, USB connector, Bluetooth, etc.

- One end of the cable to the oscillation output control cable connector tube on the other end to the back of the box output control cable outlet and tighten.
- The welding head connection surface wipe, connected to the transducer oscillation tube, and lock with the wrench.
- Note: When the connection between the welding head must ensure that the transducer two connection faces agree, and locking. Not be too long or because the connection screw locking phenomenon cannot slip teeth, otherwise the sound waves caused by poor transfer damage to the unit.
- Must be used when handling welding head to weld two wrench head and transducer were stuck, cannot be only one part of the card lock or handling, so as not to cause damage to the hand-held oscillation cylinder.
- Check the 1,2 point is properly installed, the power cord plugged into an external power socket outlet, and flip the power switch, then the power indicator light.



- Gently press sonic control switch, then welding can hear the hair out of the sound waves transmitted to the horn "creak" sound, indicating that the unit is working properly, you can put into use.
- The machine at work abnormal, do not open the device, please inform the supplier or manufacturer of the equipment sent for inspection.
- Before the operation, be sure to do testing, to determine the frequency generator and transducer system consistent with the mechanical resonant frequency. Especially after the replacement of the welding head or change the output amplitude, not neglect.
- Debugging:

A. Portable ultrasonic plastic welding machine has been debugged before leaving the factory, without exception, the power is turned on, adjust the welding time to the appropriate location can be used directly.

B. Fault analysis: Failure phenomenon caused by reasons when the system is connected to the power, the power line short fuse blows when the power switch is turned on, the power light does not shine (1, power is not really connected; 2, rectifier bridge bad);

C. The power switches lights or bad;

D. The fuse is blown;