User Manual

Input voltage：220V/50Hz　　Power consumption：550W
Heating element Skeleton ceramic heating core Temperature range：100℃ - 480℃
The type of air pump airflowBrushless fan Gentle airflow 120L/min (maximum)
Noise less than 45db Display form LED digital (resolution 1℃)
Handle length 100cm (including handle line) Weight 0.895kg

Features

1. Automatic mode;
2. Microcomputer automatic control, automatic constant temperature, standby, rapid heating, stable temperature control, and control accuracy of ±2℃ when stable;
3. Replaceable heating element, spiral hot air cylinder disassembly structure; adjustable temperature 100℃-480℃, suitable for common/lead-free soldering process;
4. Can replace three specifications of large, medium and small nozzles, powerful noiseless blower, rotating wind output; adjustable wind pressure 3mph-10mph 9 levels;
5. Intelligent software design, high temperature automatic alarm, automatic fault detection and alarm, automatic standby for overtime unattended operation;
6. Integrated design of efficient switching power supply and power control system;
7. Long-life heating element, removable and replaceable vulnerable parts, to minimize the user's consumable cost;
8. Small size, low power, convenient use and simple operation.

use

9. Suitable for the desoldering of a variety of components such as SOIC, CHIP, QFP, PLCC, BGA, etc. (especially suitable for the desoldering of mobile phone cables and cable holders).
10. Used for heat shrinkage, drying, paint removal, defrosting, thawing, preheating, glue welding, etc.

Instructions

The whole machine has two parameters that can be set. One is the temperature parameter; the other is the wind pressure parameter.
Temperature setting range: 100-480℃　　Wind pressure value setting range: F1-F10

Description of function keys

There are 3 buttons in total, namely: "Setup", "UP" and "DOWN". As shown in Figure 1.

Figure 1.

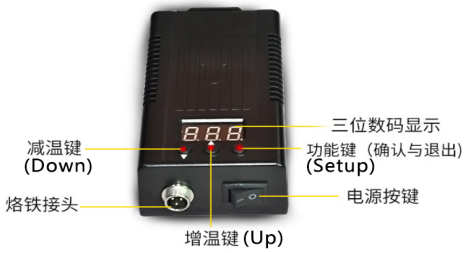
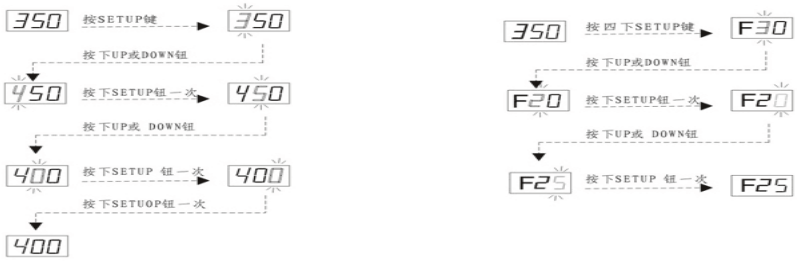


Figure 2.



Operation method

1. Turn on

Connect the AC220V power supply, firstly display the current temperature value and wind pressure value once on the display screen, and then the heat gun enters the normal working state. At this time, the display shows the current actual temperature.

2. Temperature setting

Press the "Setup" button once, the display shows the temperature setting value, and press the "UP" or "DOWN" button to set the temperature value you need (generally higher than 300-350℃). Press the "Setup" key again to exit. After a few seconds, do not press to automatically exit.

3. Wind pressure setting

Press the "Setup" key for the fourth time, the display shows "F" plus the air pressure value, and the digital tube flashes for the air pressure setting state, press the "UP" or "DOWN" key to set the air pressure value you need (generally High in 3-6). Press the "Set" button again to exit. After a few seconds, do not press to automatically exit.
Figure 2

4. Standby state

After use, the handle is placed on the handle holder, and the temperature drops to 100℃ and enters the standby state. The screen displays "one by one". At this time, the heat gun is in a dormant state, and the fans and heating devices are all turned off. Whenever you pick up the handle, the heat gun will automatically activate and enter the normal working state.

5. Shutdown state

Press and hold "NO/OFF" for 4 seconds and the display will turn off. Wait for the fan to stop rotating, which means it is safe to turn off the power of the heat gun. If you want to continue using it, you need to activate the heat gun: the method is: press the "ON/OFF" button. After activation, the thermal inner gun enters the normal working state and can be used continuously.