

## 7. Temperature Calibration

It is recommended to recalibrate the temperature after replacing the heating element. Use a thermometer for temperature calibration.

1) Turn on the unit, set the working temperature at 300°C and 500°C respectively, and adjust the airflow to scale 10. When the temperature is stable, measure the air outlet temperature with a thermometer and record the readings.

2) Long press "+" and "-" keys at once for 2 seconds to enter the temperature calibration interface with "CAL" displaying on the screen.

3) Press "+" or "-" keys to adjust the temperature to the measured value, and then press the "+" or "-" at once to confirm.

## 8. Instructions for Replacing the Heater

1) Insert the new ⑥ Heater wire into the black and white wire.

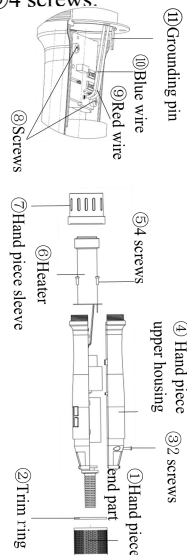
2) Solder the ⑨ Red wire and ⑩ Blue wire of the sensor to the

original position on the circuit board.

3) Tighten the two ⑧ screws of the circuit board.

4) Connect the green wire to the ⑪ Grounding pin.

5) Close the ④ Hand piece upper housing, and fix the ⑥ Heater with ⑤ 4 screws.



6) Rotate the ⑦ Hand piece sleeve clockwise to the front end of the handle.

7) Tighten the ③ 2 screws.

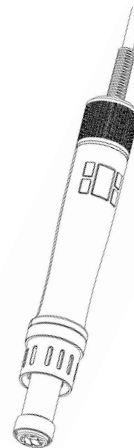
8) Screw on the trim ring and end part clockwise.

9) After the heater is replaced, it is recommended to calibrate the temperature (Refer to Temperature Calibration).

**⚠ Note:** Be careful not to burn the connector wires when replacing the heater; do not solder the wires for too long.

VECTECH 997

Portable Hot Air Gun



Instruction Manual

## 1.Safety Instructions

- Don't place the product in places where it may be exposed to rain or moisture.
- Don't use in flammable and explosive environments.
- Pay attention to the air outlet and its surroundings. High temperature operation, be careful of burns.
- Power supply should be turned off during breaks or when finished to avoid safety accidents.
- Please keep the air outlet unblocked and ensure there is no obstruction.
- Please unplug the power cord when the product is not used for a long time.
- The handle must be correctly placed on the holder when not working, and do not replace it on the workbench. After operation, the air will stop blowing when the unit automatically cools down to below 100°C.

## 2.Overview

This portable hot air gun uses a high-speed motor instead of a blower and miniaturized control circuit. The combination of both further optimized the volume of the high-performance hot air gun for comfortable and lightweight feeling, making it a substitute for the traditional hot air gun, and suitable for extensive applications in hot air heating.

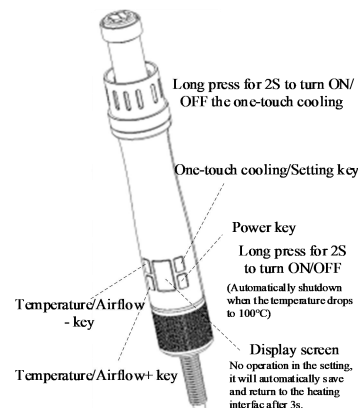
## 3.Product Characteristics

- High-speed blower with gentle and large airflow rate, which is as good as the conventional large blower.
- OLED display for intuitive real-time temperature reading on the hand piece and with convenient control buttons.
- Intelligent sleep mode enables shutdown when automatically cooling down to safe temperature of 100 °C.
- Compact and powerful
- Lightweight handle with comfortable grip, which is safe, power saving, and easy to carry.

## 4.Product Specifications

|                    |              |
|--------------------|--------------|
| Model              | 997          |
| Display            | OLED         |
| Working Voltage    | AC110V       |
| Power Consumption  | 1000W        |
| Temperature Range  | 100~550°C    |
| Max Airflow Rate   | 55L/Min      |
| Airflow Range      | 1~10 级       |
| Noise Level        | ≤ 78dB       |
| Dimensions (W*H*D) | 296 * ϕ 40mm |
| Weight             | About 0.5kg  |

## 5.Part Descriptions



## 6.Sleeping and Wake Up

- 1) When the hand piece is properly placed on the holder, the unit starts to cool down; it enters the sleep mode when the displayed temperature drops to 100 °C.
- 2) When the handle is removed from the holder, the unit immediately resumes to work.