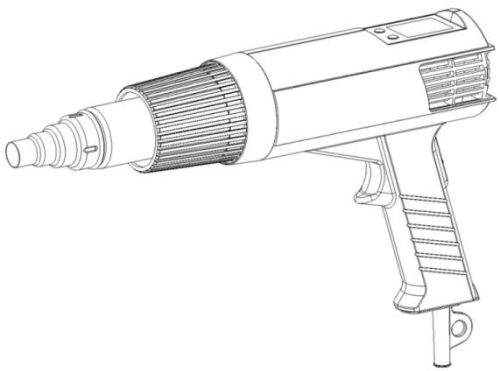
VECTECH 威鐵克

995DW Heat Gun

User Manual



Thank you for purchasing our product. Please keep the instruction manual safe for future reference.

contents

1. Safety Instructions

警告

- During the installation and use of this product, all electrical safety regulations of the country and region of use must be strictly observed.
- Please disconnect the power supply before performing any disassembly or assembly operations. Do not operate while the power is on.
- If the equipment malfunctions, please contact the supplier or our company. Do not disassemble or alter the equipment in any way. Our company is not responsible for any problems caused by unauthorized repairs or modifications.

注意

- The product should be used away from locations with magnetic interference. Do not install the product in places where the surface vibrates or is easily impacted to avoid damage.
- Do not install the product in places where it may get wet or exposed to rain.
- Do not operate in explosive environments.
- Pay attention to the air vents and surrounding area. Operate at high temperatures to avoid burns.
- The power should be turned off during breaks or after work to avoid causing safety accidents.
- Please ensure the air vents are unobstructed and free of blockages.
- If the device is not in use for an extended period of time, the power plug should be unplugged.
- Regularly inspect and maintain this product. Do not use the product if it is damaged, especially if the power cord is damaged.

2. Product Overview

This hot air gun uses a dual-vortex brushless fan, a high-power ceramic heating element, and closed-loop temperature control. It can be used in various situations, such as circuit board repair, heat shrinkage, drying, paint removal, glue removal, preheating, and glue welding.

3. Product Features

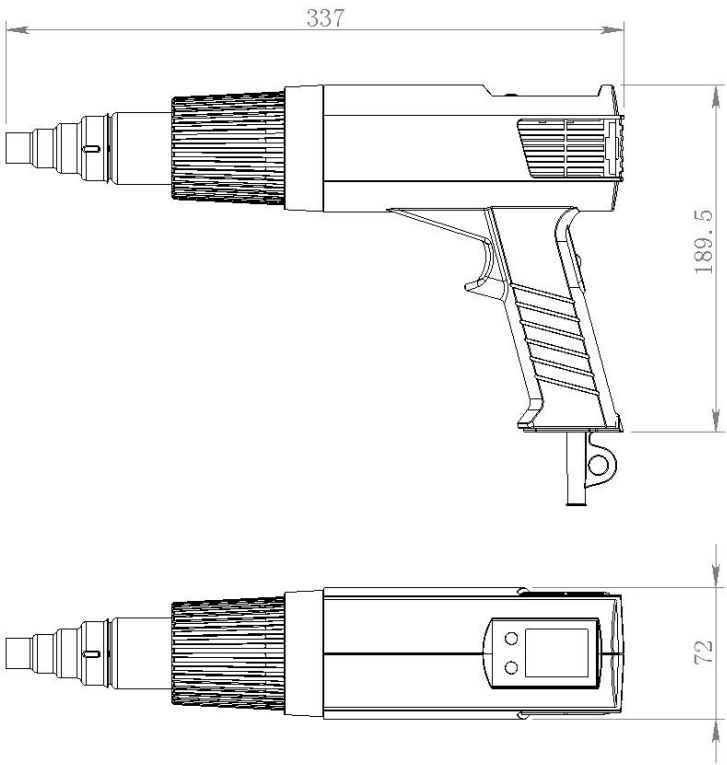
- Brushless motor, low noise, dual vortex air outlet, gentle airflow.
- Advanced hot air heating technology ensures precise and uniform temperature.
- The LCD displays the information intuitively and features digital temperature calibration.
- High power output, rapid heating, K-type sensor closed-loop for precise temperature control. Automatic
- cooling protection upon shutdown extends the lifespan of the heating element and enhances safety.

4. Product Specifications

Product Model	995DW	
Display	LCD	
Temperature range	50～600°C	
power	1300W	1800W
Working voltage	AC 110V	AC 220V
noise	<55dB	
Dimensions (L*W*H)	337*189.5*72mm	
weight	About 1.0kg	

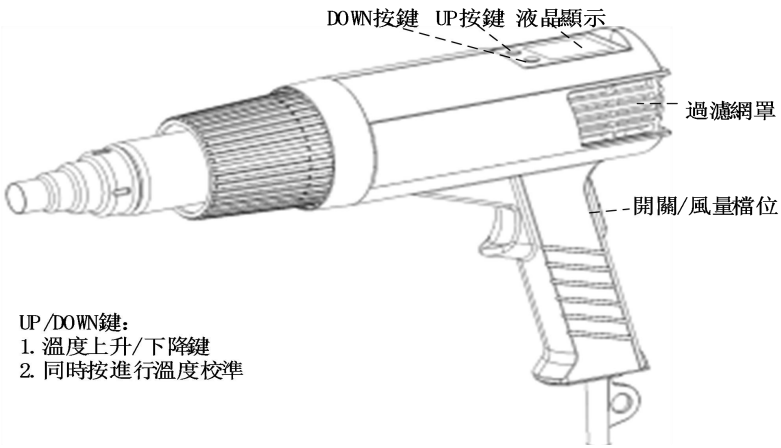
5. Function Description

5.1. External Dimensions

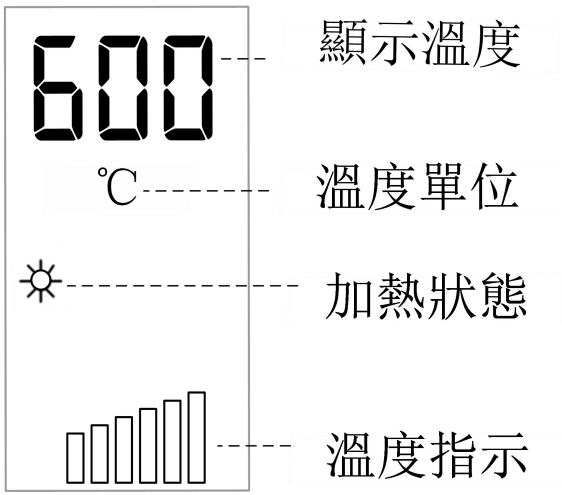


Unit: mm

5.2. Component Description



5.3. Display Description



6. Operating Instructions

1) Plug the plug into the power outlet.

2) Turn the power switch to the desired setting and set the temperature (see 7, Temperature Setting). 3) Once the temperature has stabilized, start operating the device.

4) After finishing the work, turn the airflow knob to 0, and the air gun will cool down to below 100°C and automatically shut off.

7. Temperature setting

1) Press the "UP" button to raise the temperature. After releasing for at least 1 second, the set temperature is saved. 2) Press the "DOWN" button to lower the temperature. After releasing for at least 1 second, the set temperature is saved.

8. Temperature calibration

After replacing the heating element, it is recommended to recalibrate the temperature of the hot air gun.

Use a temperature tester to calibrate the temperature.

1) Turn on the machine, set the operating temperature, and adjust the air volume to level III. After the temperature stabilizes, use a temperature tester to measure the temperature at the air outlet and record the reading.

2) Press and hold the “UP” and “DOWN” buttons for 2 seconds at the same time. The “CAL” message will appear on the display screen, and you will enter the temperature calibration interface.

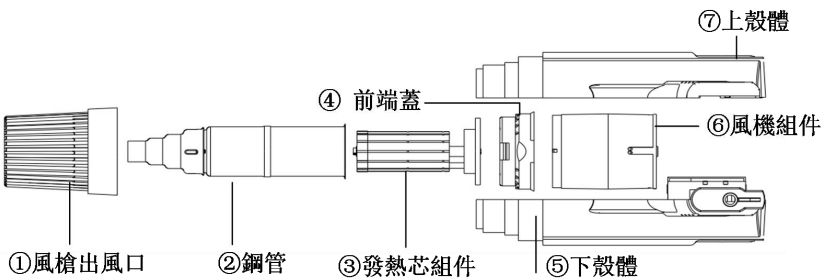
3) Press "UP" or "DOWN" to adjust the temperature to the measured value. 4) Press and hold the "UP" and "DOWN" buttons simultaneously for about 2 seconds. If "OK" is displayed, the calibration is successful.

9. Cleaning the mesh cover

1) Place a flathead screwdriver in the gap of the heat gun's mesh cover at the bottom, and pull the mesh cover backward along its guide direction. You can clean it with a brush or rinse it with water and let it air dry. (Do not use solvents for cleaning.)

2) Place the cleaned mesh cover into the mesh cover guide post and push it forward along the mesh cover guide direction.

10. Heating element replacement instructions



10.1. Steps for removing and reinstalling the heating element

1) Unscrew the air gun outlet ① at the front of the handle.

2) Remove the five screws on the upper shell (⑦) and take off the lower shell (⑤).

3) Unplug the socket of the heating element ③.

4) Remove the heating core assembly (③), steel pipe (②), and fan assembly (⑥) from the upper casing (⑦); 5) Remove the four screws inside the front cover (④) and remove the front cover.

6) Pull the heating core component ③ out of the steel pipe ②.

⚠ Note: All operations must be performed with the power off and the controller cooled down.

10.2. Steps for replacing the heating element

1) Install the heating core component ③ into the steel pipe ②, and fix the front end cover ④ to the steel pipe ② with four screws. The heating core wire and the green grounding wire pass through the slots of the steel pipe ② and the front end cover ④.

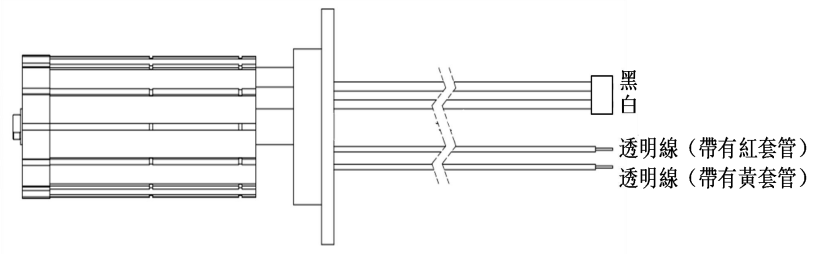
2) Install the ⑥ fan assembly into the ④ front end cover, fix the heating core wire to the ⑥ fan assembly with tape, and then install the ③ heating core assembly, the ② steel pipe and the ⑥ fan assembly in the original position of the ⑦ upper shell.

3) Plug in the socket on the heating element.

4) Close the upper and lower shells ⑤ and ⑦ of the machine together, and then tighten the five screws.

5) Tighten the heat-resistant cover.

6) After replacing the heating element, it is recommended to perform the following measurements:



Heating element (black and white wire) resistance: 220V: 29Ω (±10%)

110V: 9Ω (±10%)

Sensor (blue line) resistance: <2.5Ω

7) After replacing the heating element, it is recommended to recalibrate the temperature (see temperature calibration steps for details).

Note: When replacing the heating element, do not burn the wires, and do not solder the wires for too long.