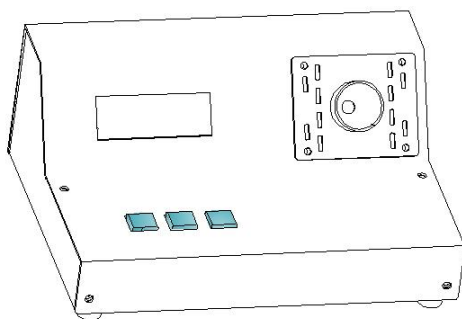




QUICK 196 Hot Air Temperature Tester

Instruction Manual



Thank you for purchasing our products. Please keep the instruction manual properly for future reference.

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1.Safety Instructions



CAUTION

- During the installation and use of this product, all electrical safety regulations of the country and regions must be strictly observed.
- If the product does not work properly, please contact the supplier or our company, and do not disassemble or change the product in any way. We are not responsible for any problems caused by unauthorized maintenance or modification.



WARNING

- The product should be used away from places where there is magnetic interference.
- Don't install the product in a place where the surface is easy to shake or be impacted, as it may damage the product.
- Don't install the product in places where it may be exposed to rain or moisture.
- Don't use in flammable and explosive environments.
- When measuring the temperature, the temperature measuring port and its surroundings are in high temperature. Please do not touch it to avoid scalding.
- Do not measure the temperature near flammable air or other flammable substances.
- Please keep the temperature measuring port of the temperature sensor assembly unblocked and ensure there is no obstruction.
- Please take out the battery when it is not used for a long time.

2.Overview

This is a professional hot air temperature tester for measuring the temperature of the nozzle of the hot air rework station, it is compatible with the air outlet connector of different types of rework station handles on the market.

3.Product Characteristics

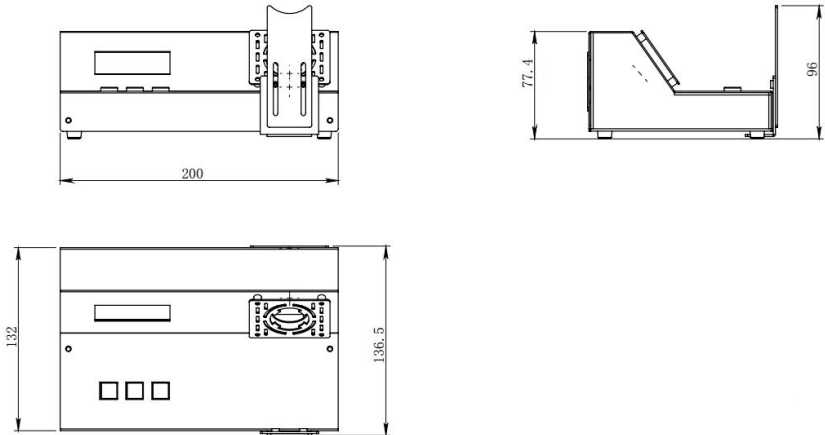
- Accurate temperature measurement. Celsius and Fahrenheit are interchangeable, reading the measuring value directly.
- Auto shutdown function is available, the shutdown time can be set.
- Equipped with MAX HOLD to record the highest temperature.
- It's suitable for testing the air outlet temperature of various hot air rework station handles.

4.Product Specifications

Model	196	
Display	LCD	
Battery life	9V battery: more than 150 hours	
Unit	°C	°F
Resolution	1°C	1°F
Accuracy range	±5°C	±10°F
Temperature range	0~800°C	32-1500°F
Auto shutdown time range	0~240min	
Ambient temperature	0~40°C	
Dimensions (L*W*H)	200*136.5*77.4mm	
Weight	About 1.0kg	

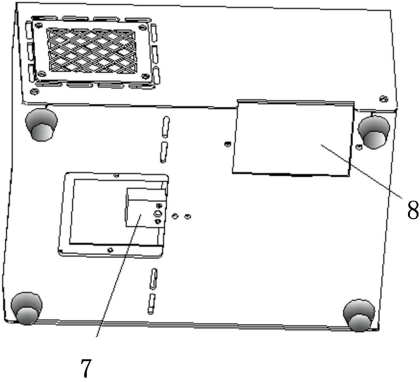
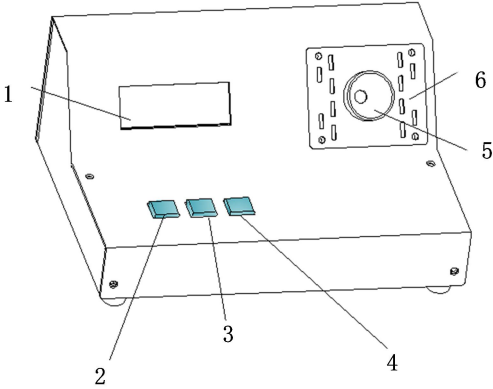
5.Functional Descriptions

5. 1. Dimensions



Unit: mm

5. 2. Part Descriptions



NO.	Part Descriptions
1	Display Screen
2	Power Switch
3	°C/°F Changeover Switch
4	MAX HOLD Switch
5	Temperature Measuring Port
6	Temperature Sensor Assembly
7	External K-type Sensor
8	Battery Box (9V Battery)

6.Method of Application

6. 1. Preparation

1) Please select the appropriate model according to the selected nozzle, then install the temperature sensor assembly (K-type sensor socket is at the bottom of unit). The temperature sensor assembly is an optional part.

Temperature Sensor Model	Corresponding Nozzle
196-N1	850/990 series nozzle
196-N2	858/997 series nozzle
196-N3-A	980 series nozzle
196-NK	NK direct dial nozzle

2) Please install 9V battery correctly.

6. 2. System Settings

1) Press and hold the power switch (POWER) for about 1 second, when the hot air temperature tester displays the room temperature, start the operation.

2) Remove the nozzle on the handle, insert the handle into the temperature measuring port.

3) Press the (°C/°F) switch on the hot air temperature tester to select requested temperature test unit.

4) The displayed value increases continually during the measurement, wait for a few seconds, and read the value after it is stable.

5) Press the "MAX HOLD" switch to switch the maximum value display function.

6) Auto shutdown: when the temperature measured by the sensor is lower than 100°C, the thermometer starts timing and shuts down automatically when the tester reaches the set shutdown time. When the auto shutdown time is set to 0, indicating that it won't shut down automatically.

7) Auto shutdown time setting

a. In the shutdown state, press and hold the "POWER", "°C/°F" and "MAX HOLD" keys simultaneously for about 4 seconds to enter the auto shutdown time setting. At this time, the LCD screen displays the current setting auto shutdown time.

b. In the shutdown time setting state, the "POWER" key represents the confirmation. After setting the auto shutdown time, press the "POWER" key to exit and enter the temperature test state.

c. Press the "°C/°F" or "MAX HOLD" key to extend or shorten the auto shutdown time by 1 minute.

8) After use, press and hold the "POWER" key for about 2 seconds to cut off the power.

7. Calibration

If the hot air temperature tester needs to be calibrated, please contact with the agent of our company

8. Troubleshooting

Error display	Error description
1	Indicates the sensor is damaged. Replace the sensor with a new one.
B	Indicates the battery is low. Replace the battery with a new one to avoid influencing the accuracy of the tester.

Warranty Card

●The warranty period of this product is calculated from the date of Purchase. During the warranty period, if the product breaks down during normal use, show the original warranty card and enjoy free service in the authorized repair company(or our company). Please keep the purchase certificate and this warranty card and show it before maintenance.

●During the warranty period, the following repairs need to be paid:
a.Unable to offer valid warranty card or certificate;

b.The purchase date, sales company and other items are not completely filled or the warranty card is altered;

c.Damage caused by failure to follow the use methods and precautions in the manual;

d.Damage caused by disassembly, repair and modification of products without authorization of the manufacturer;

e.Replacement of vulnerable and consumable parts.

●All items of the warranty card shall be completely filled in by the agent or user to obtain a 12-month warranty period.

●Please keep this warranty card properly It will not be re-offered after.

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CO., LTD.

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High-Tech Industrial Development
Zone, Jiangsu, China

TEL: 86-519-86225678

FAX: 86-519-86558599

POSTCODE: 213167

WEBSITE: www.quick-global.com

Warranty Card

Type: _____

Model No.: _____

Serial No.: _____

Delivery Date: _____

Warranty File Card

Type: _____

Model No.: _____

Serial No.: _____

Delivery Date: _____

Address : _____

Postcode: _____

Telephone: _____

Contact Person: _____

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