

# Heat Gun USER MANUAL

## I SPECIFICATION

Model	Power	Temperature range	Air flow	Remarks
ST-8230DX	230V 2300W	50-650°C	200-500L/min	LCD display
ST-2308DX				
ST-2308DX	120V 1500W	50-650°C	120-400L/min	LCD display
ST-8230D	230V 2100W	50-650°C	200-500L/min	LCD display
ST-2308D				
ST-2308D	120V 1500W	50-650°C	200-400L/min	LCD display
ST-8230	230V 2100W	50-650°C	I:200L/min	LED display
ST-2308			II:500L/min	
ST-2308	120V 1500W	50-650°C	I:200L/min II:400L/min	LED display

## II SAFETY GUIDELINES

Please read this manual carefully before using the tool and follow basic safety rules to reduce the risk of fire, electric shock and personal injury. Please save this manual for future reference.

1. Keep the workplace clean, messy workplaces are prone to danger.
2. Please check the working environment, do not use it in places with water or humidity, or near flammable liquids or gases.
3. Please do not pull the power cord when moving the tool, also not contact with the heat source and oil.
4. A qualified extension cord should be used when working outdoors.
5. To avoid electric shock, keep your body away from objects connected to the ground, such as pipelines, heaters and refrigerators.
6. Keep children and other person away from the workplace and tools. Power off the tools and put it in a safe place when finish to use tools.
7. Please use iron hoop or vise to fix the parts, do not hold it by hand.
8. Pay attention to the state of use, stay alert and avoid using tools when you are tired.
9. Don't be in a hurry when working, keep a balanced operation at any time.
10. To maintain the tool to maintain good performance, please follow the instructions to replace the original spare parts. Be careful to keep the power cord intact, if it is damaged, please immediately replace. Please keep the handle dry, clean and free from oil.
11. Before using the tool, check whether the tool is damaged and whether the spare parts are loose or missing.
12. Please connect the power supply when the tool switch is off. When you are finished using or replacing parts, you must cut off the power and unplug the power cord from the power outlet.
13. The use of unqualified accessories may lead to danger, please replace the original qualified parts.
14. Please use the tool within the scope of its design purpose, and do not use the tool excessively to ensure its normal working efficiency and safety.

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15. Work may cause a lot of dust, please use a safety mask or dust mask.
16. During long-term work, please use protective devices such as goggles.

## III SUPPLEMENTARY INSTRUCTIONS FOR SAFE OPERATION

1. Please connect the power according to the voltage marked on the tool.
2. Be sure to hold the tool tightly at all times when using the tool at high places.
3. Do not place the tool until it has completely stopped.

## IV THE SAFETY PRECAUTIONS OF THE HEAT GUN

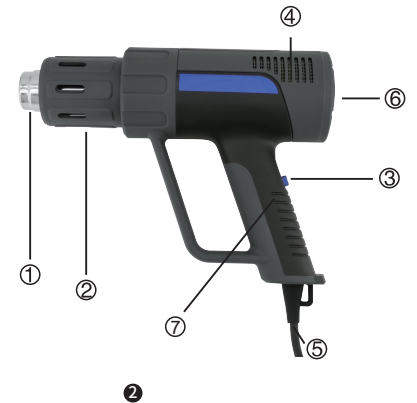
1. Do not use the heat gun as a hair dryer.
2. Do not point the heat gun at anyone or animals.
3. Do not use near flammable materials or flammable gases.
4. Do not block or cover the hot air inlet and outlet.
5. Do not touch the nozzles when using the heat gun, The handle must be kept dry.
6. The heat gun should be completely cooled before it can be stored.

## V PURPOSE

1. When removing paint or applying paint, you can use nozzles and scrapers.
2. Remove self-adhesive stickers and decorations.
3. Remove rusted or too tight nuts and metal screws.
4. Dissolve frozen delivery pipes, frozen door locks or padlocks, etc.  
(Warning: Do not use on plastic tubes)
5. It can be softened before dealing with grease or replacing old grinding powder.
6. Dry the damp wood before combining or processing.
7. Shrinkable PVC film is used as the protective layer of the package.
8. Can be used for waxing or dewaxing of sleds.
9. Polyethylene for shrinkable connection of metals.
10. Can soften the welding products.

## VI DESCRIPTION

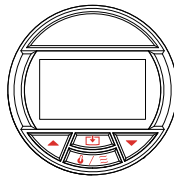
1. Air outlet
2. Anti-scalding protective cover
3. Temperature adjust knob
4. Cold air inlet
5. Power cord
6. LCD/LED display
7. Non-slip soft rubber handle



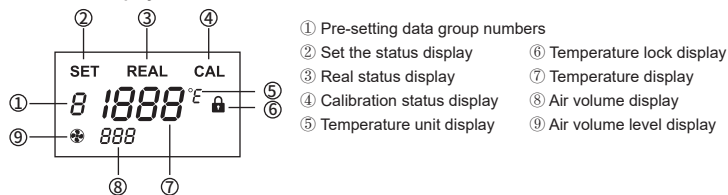
## Instructions(ST-8230DX ST-8230D ST-2308DX ST-2308D)

### 1.Button function definition

- ① POWER button: Power switch (push switch to 0 gear)
- ② Temperature adjust knob (back of handle): push switch to 1 and 2 gear
- ③ ▲ button and ▼ button: temperature, air volume, pre-setting data up and down
- ④ [Enter] button : menu button and confirm entry button under menu mode
- ⑤ [Lock] / [Esc] button: Cycle switch button, temperature lock button, confirm and exit button in menu mode



### 2.LCD screen display



- ① Pre-setting data group numbers
- ② Set the status display
- ③ Real status display
- ④ Calibration status display
- ⑤ Temperature unit display
- ⑥ Temperature lock display
- ⑦ Temperature display
- ⑧ Air volume display
- ⑨ Air volume level display

Connect the power cord and power on, the LCD screen will light up, and enter the boot interface.

### 3. Temperature adjust knob

Push the switch on the handle to adjust the temperature . up it to the 1 gear (the 1 gear is the temperature of 50°C and the air volume is adjustable).up it to the 2 gear (the 2 gear is the temperature rang of 50-650°C and the air volume is adjustable).

### 4. Adjustment of temperature and air volume

In the working state, the factory default is on temperature adjustment, you can directly adjust the temperature with the ▲ and ▼ button; If need to adjust the air volume, should press once [Lock] / [Esc] button to the air volume adjustment mode, at this time [Lock] flash, then press the ▲ and ▼ button to adjust the air volume.

### 5. Pre-setting temperature value group

In the 2 gear working state, short press [Enter] button to use the pre-setting temperature value group.

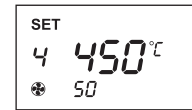
### 6. Temperature lock function

In the working state, long press [Lock] / [Esc] button to lock the current set temperature and air volume. After locking, the ▲ and ▼ button cannot adjust the temperature and air volume. Long press [Lock] / [Esc] button to release temperature lock.

### 7. Adjust pre-setting temperature value

In the 2 gear working state, long press [Enter] button to enter the menu function setting, adjust the 1-6 groups of shortcut data through the ▲ ▼ button to select the group you want to adjust. short press [Enter] button to enter the temperature adjustment state, use the ▲ ▼ button to adjust the temperature value, press [Enter] button again to adjust the air volume value. After the adjustment is completed, short press [Lock] / [Esc] button to save and exit pre-setting temperature value group interface, and press [Lock] / [Esc] button again to exit to the working interface.

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menu function setting interface

### 8. Temperature unit switching

In the 1 gear working state, long press [Enter] button to complete the switch between °C and °F.

## Instructions(ST-8230 ST-2308)

Push the switch on the back of the handle to adjust the temperature control gear, push it up once for the 1 gear, and push it up again for the 2 gear.

### Instructions(ST-8230 /ST-2308 230V)

Dial to the 1 gear air volume (200L/min), press [Lock] button to adjust the temperature in turn (50°C, 150°C, 250°C, 350°C, 450°C)

Dial the air volume to the 2 gear (500L/min), press [Lock] button to adjust the temperature in turn (250°C, 350°C, 450°C, 550°C, 650°C)

### Instructions(ST-2308 120V)

Dial to the 1 gear air volume (200L/min), press [Lock] button to adjust the temperature in turn (250°C, 350°C, 450°C, 550°C, 650°C)

Dial the air volume to the 2 gear (400L/min), press [Lock] button to adjust the temperature in turn (50°C, 150°C, 250°C, 350°C, 450°C)

**Shutdown: In case of high temperature in use, we recommend to push switch to 1 gear, then power off after the temperature drops.(The heat gun has function of power-off memory. Turn it on again, it will be back to the use status before it is turned off.)**

## VII MAINTENANCE AND REPAIR

Do not use turpentine, paint mixture, gasoline or similar substances for cleaning

1. When you stop working, please wait the temperature lower and hot air blow out, then turn off the switch, and put the heat gun stand vertically on a flat work surface .
2. When storing the heat gun, please confirm it is completely cooled.
3. Always remove the dirt accumulated in the nozzle and keep the air inlet and outlet clean.
4. Check all extended insulated wires and replace them immediately if damaged. Do not use damaged insulated wires as you may receive an electric shock if touched cause injury.
5. All repair work must be carried out by authorized service centers or other qualified service organizations to ensure safety and reliability.

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