Portable MCU sirocco gun

INSTRUCTION MANUAL

8858

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Thank you for purchasing this hot air gun, please read the instructions carefully before use, please keep the reading for future reference.

Warning!!!

Use the machine, the following basic measures should abide, avoid electric shock or cause injury or damage caused by fires.

1. To ensure personal safety, the machine work is complete, unplug the power cord.

2. To ensure personal safety, you must use the original approval or recommendation of the parts, otherwise it will lead to serious consequences.
3. Machine failure must be by professionals or the company designated personnel for repair.
4. This product is grounded three-wire plug, must be inserted within the three hole grounded outlet, do not change the plugs or use ungrounded three adapter made it bad grounded.
5. Hot air gun or soldering station is open, its temperature are likely to reach 400 degrees. Do not use it near flammable gas, objects. Tube and the heat emitted very hot, can burn the body, do not touch the hot pipe and direct injection to heat the human body.
6. Hot air gun is turned on, do not leave the jobs site.
7. When the hot air gun opening do not install nozzle, the heat pipe and the nozzle must be cooling. Then installed the other nozzle.
8. Please keep inlet and outlet air flow, don't have obstruction.
9. After use, remember that the cooling body, the handle should be released into the handle frame, then shut down the machine to sleep.
10. The machine welding will take smoke, please do proper ventilation.

I. Features

Model 8858 series "portable microcomputer hot air gun" (abbreviation is hot air gun) ,it is our company new design type. which are applicable to repair SMT electronic products,portable soldering tool.This product

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uses the long life far infrared heating element and the special temperature components. And the precision microcomputer control of hot runner technology, make the gun temperature control curve fully conform to the requirements of the SMT production process of soldering. "Temperature line" should be adjustable, can be satisfied different parameters requirements of soldering. same time we are increase constant temperature, constant airflow, standby and automatic fault detection alarm. Make the products with energy saving, small size, convenient, long-life, security and so on.

II. Specifications

Operating Frequency	50-60Hz
Operating Voltage	AC 110V ±10%/AC220V ±10%
Power Range	100-650W
Adjustable temperature	100-480℃
Adjustable pressure	0-99 files
Storage humidity	35%~45%

III. The operational processes

Machine has two kinds of parameters can be set up. One is the temperature parameter; Other is the airflow parameters.

Description of function keys

There are three keys, respectively "Setup", "UP", "DOWN".

Figure 1

Parameter setting range

Temperature range: 100-480℃
Airflow range: 0-99

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1. **Turn on the machine**
    After the power is connected,the LED display the current setting of temperature firstly (factory Settings for 300°C) and flashing. Then put the handle on the holder, the machine is in standby. picked up the handle and the hot air gun into the normal working state, the display shows the actual temperature.

2. **Set temperature**
    Press"Setup"button,display shows the temperature setting values, press the " UP " or " DOWN " to set the temperature value that you need (usually in 300-350 °C), a few seconds it will bet exit automatically.

3. **Set airflow**
    Press "Setup" button fourth times,the display shows"F"and airflow value, and the digital tube twinkle for airflow state, press the " UP" or "DOWN" to set you need airflow value (generally in the 30 - 60). Once again, press "Setup" button to exit, or do not press any key will automatically quit the setting after a few seconds. The set as shown below
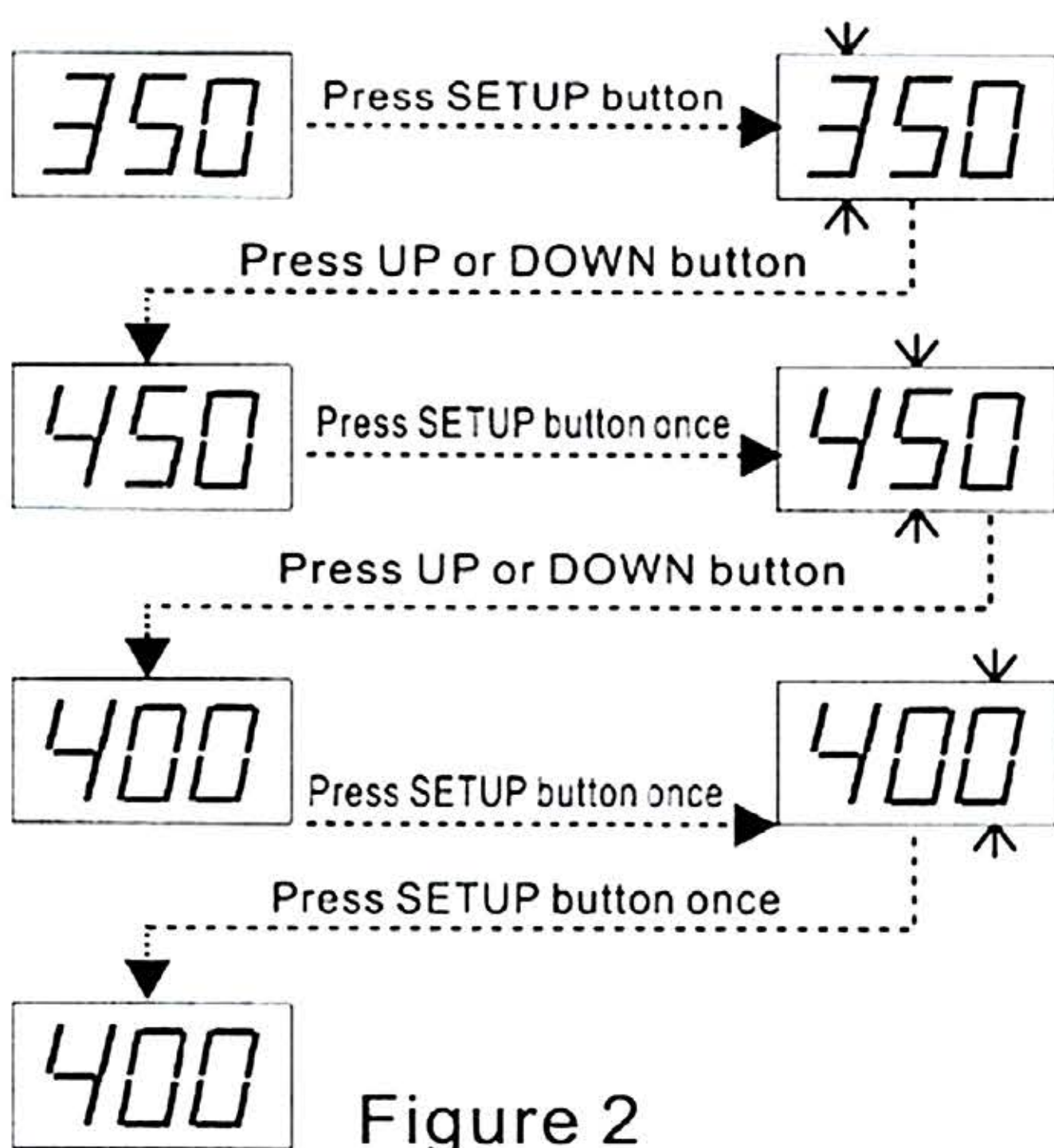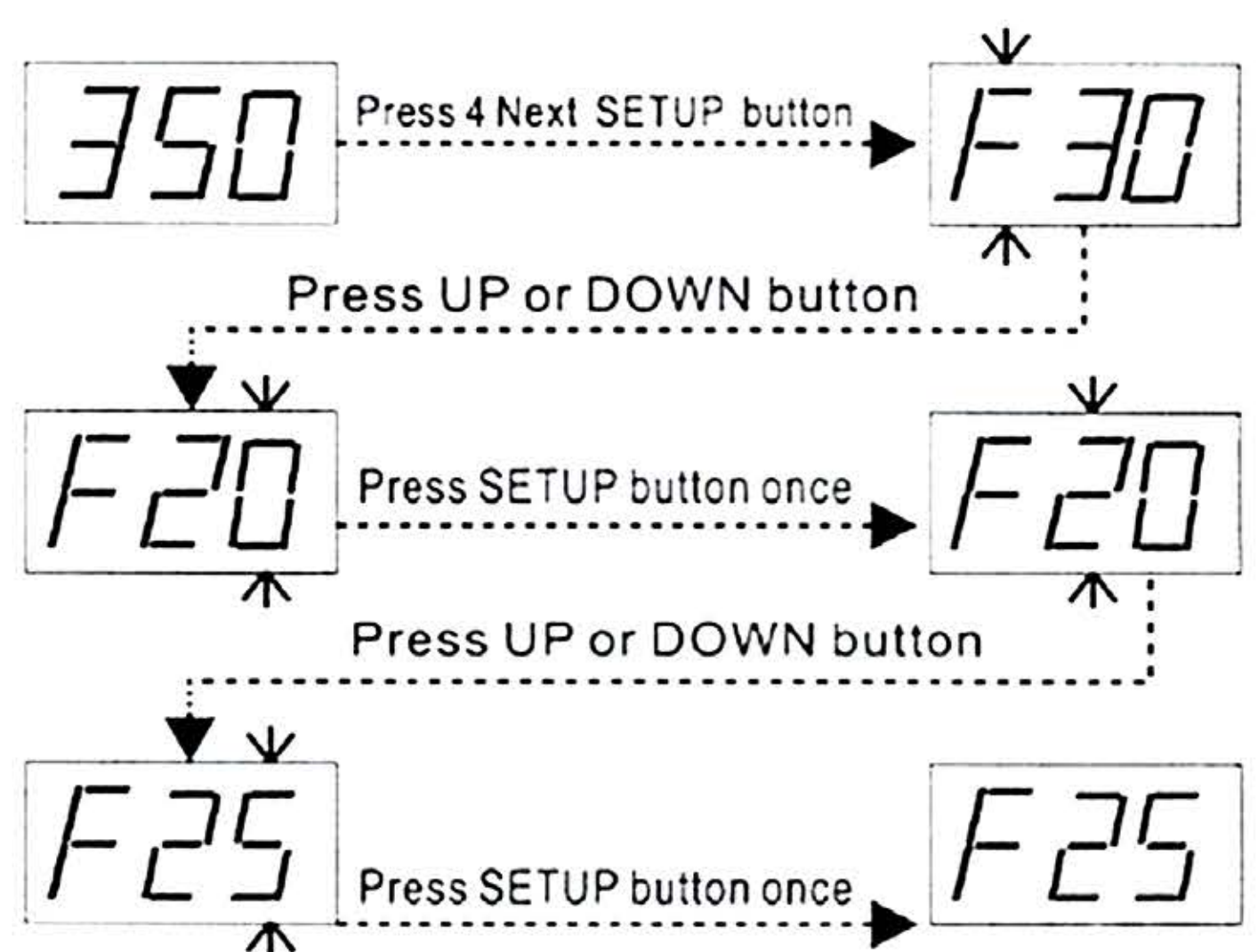
350	Press SETUP button →	350
	↑ Press UP or DOWN button	
450	Press SETUP button once →	450
	Press UP or DOWN button	
400	Press SETUP button once →	400
	Press SETUP button once	
400	Figure 2	

350	Press 4 Next SETUP button →	F 30
	↑ Press UP or DOWN button	
F20	Press SETUP button once →	F20
	Press UP or DOWN button	
F25	Press SETUP button once →	F25

Figure 3

4. Put the handle on the holder after using , the temperature dropped to about 60℃ and entering the standby mode, the LED displayed " ---", at the this time, the hot air gun in a sleep state, the fan and heating equipment are turn off automatically . Any time pick up the handle, the gun to activate and enter normal working condition automatically .

5. **Press and hold the "ON / OFF" 4 seconds display screen is off.** When the fan stop rotating, need to activate the hot air gun. The method is: Press and hold the "ON / OFF" button .Activated hot air gun entered the normal working state, can continue to use.

IV. When the machine alarm display and how to handle it

1. The display shows "S - E" as the fault prompt, can be check the heating element is damaged or not? or connector is loose or not. Problem are not solved can be determine "the temperature components failure", please contact the distributors or manufacturers to repair.

2. Fault as shown in figure 4, please check the heating elements and temperature measurement components and connect cable is damaged or not, or the connector are in good connect or not connected.

Figure 4

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3. Display shows "S-E", the fan still rotating and the air gun is normal heating. May be "super-limit temperature fault "prompt. please put the handle into the handle holder, check the air gun outlet is obstructed or blocked or not, no abnormal temperature dropped to the set temperature, then can use.

Note: Happen the above problems prompts, you should try to recovery it. Method is: Close then reopen or press any key once.