

ESD-Safe Desoldering Station

Statement: The company reserves the right to improve & upgrade products, product specifications and design are subject to change without notice.

OPERATION INSTRUCTION

English



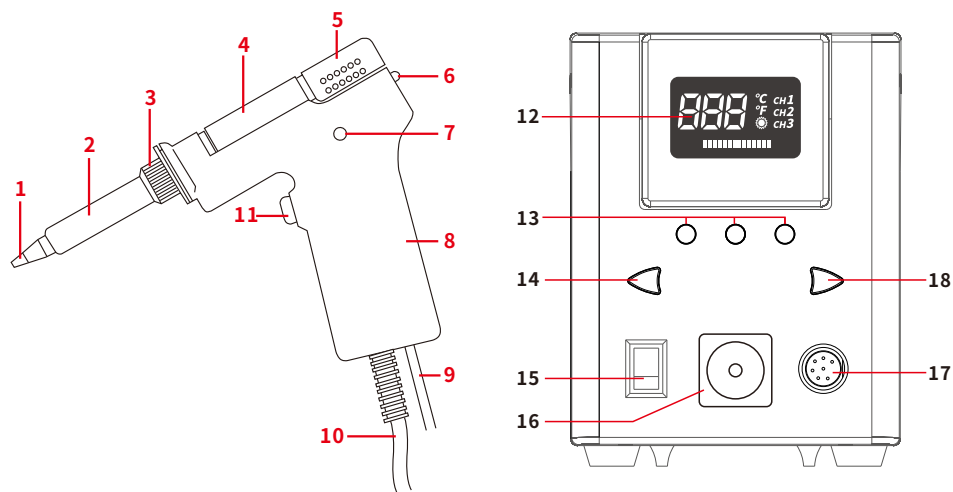
Made in China

Thank you for purchasing this product. Please read the manual carefully before operating and keep this manual for future reference.

I. APPLICATIONS

This unit is suitable for specialty desoldering applications on a broad-range of through-hole and other components. The station is especially great for desoldering operations on through-hole components with multiple pins or leads. (E.g., Transformer, LCD screen, LED, IC chips, In-Line pins and more)

II. REFERENCE DIAGRAM

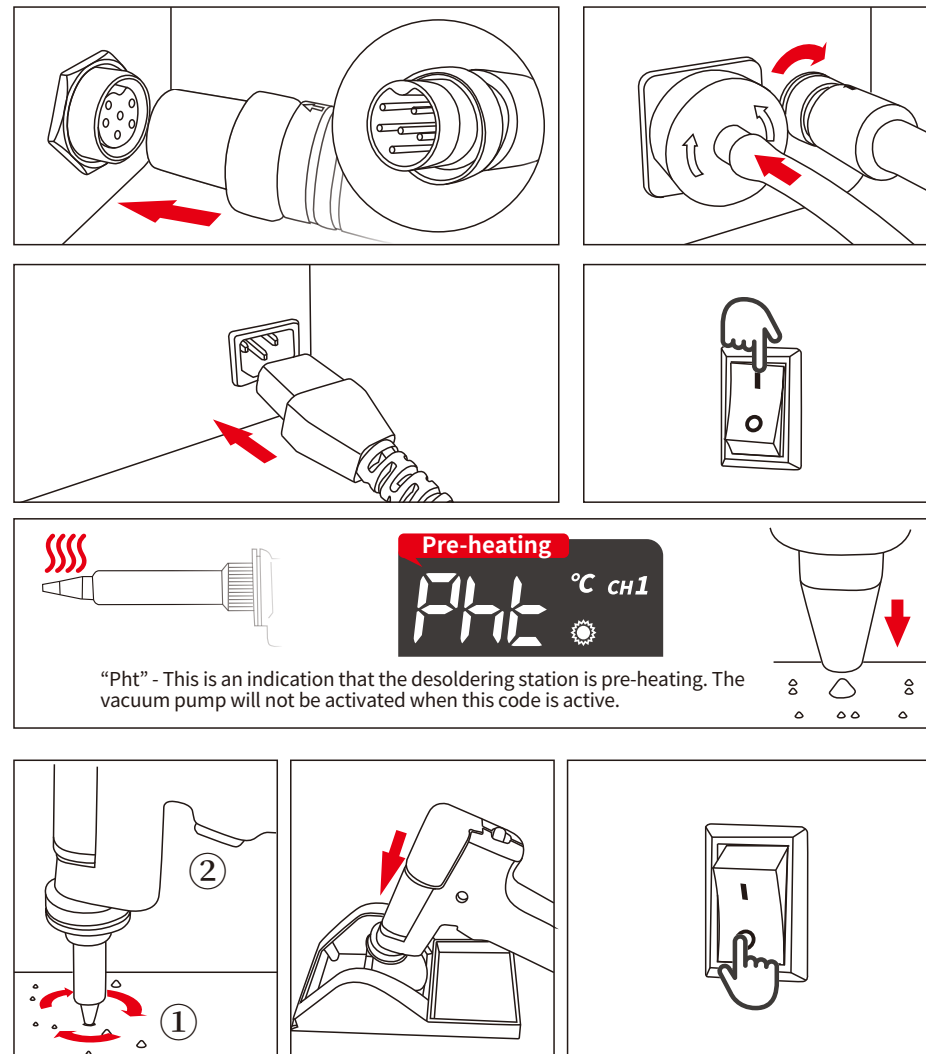


1. Desoldering Nozzles (Consumable)
2. Steel Enclosure
3. Fastener
4. Filter Chamber (The spring inside is consumable)
5. Chamber Release
6. Release Button
7. Indicator
8. Casing (Desoldering Gun)
9. Vacuum Tube

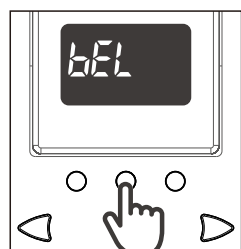
10. Cord (Desoldering Gun)
11. Desoldering Trigger
12. Temperature Display
13. Pre-set Channel Button
14. Temperature Decrease Button (Desoldering Station)
15. Power Switch
16. Receptacle (Vacuum Tube)
17. Receptacle (Desoldering Gun)
18. Temperature Increase Button (Desoldering Station)

III. OPERATION

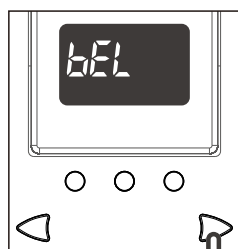
Installation and Operation



● Buzzer Prompt

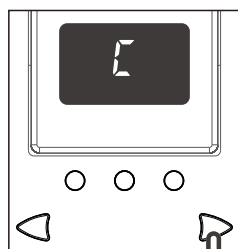
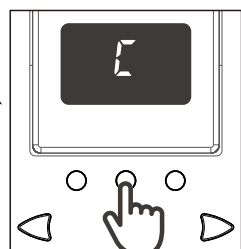


Press and hold for approximately 2 seconds



ON/OFF

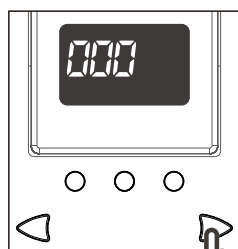
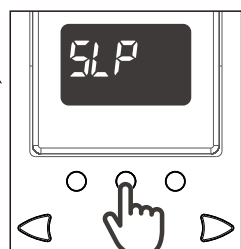
● Fahrenheit/Celsius Conversion



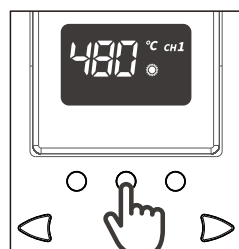
C/F

● Sleep Mode

Sleep mode timer: 0-120 minutes. Set the timer to 0 to turn OFF sleep mode.



0-120 Minutes

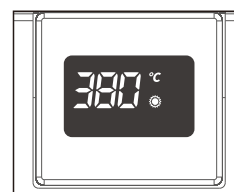


● Automatic Stand-by

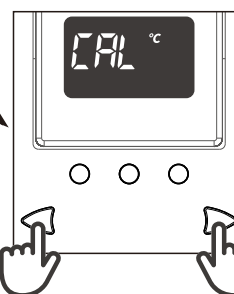
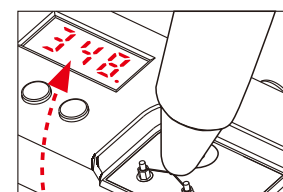
When the desoldering station enters sleep mode, its CPU will start counting down. If the desoldering station is not wakened after 30 minutes, the soldering station will automatically enter stand-by mode. Please restart the desoldering station by turning OFF the power switch and then turn back ON.

Note: The automatic stand-by function only activates when the desoldering station's sleep mode is turned ON.

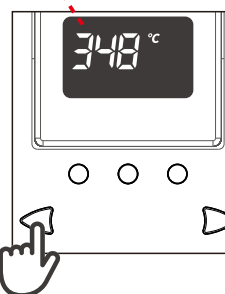
● Digital Temperature Calibration



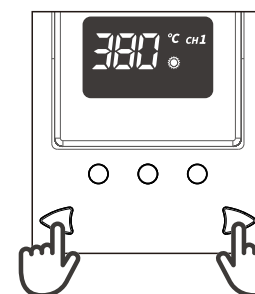
Stabilized Temperature



Press and hold for 2 Seconds



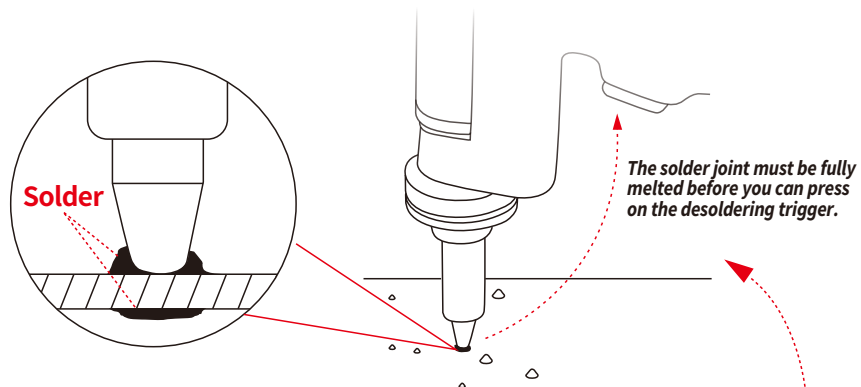
Enter the measured temperature value



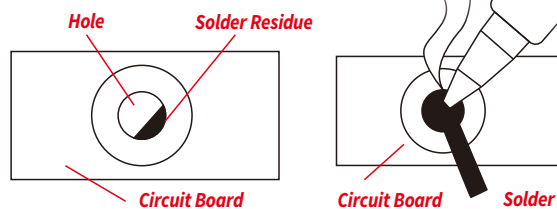
Press and Hold

IV. MAINTENANCE & PRECAUTIONS

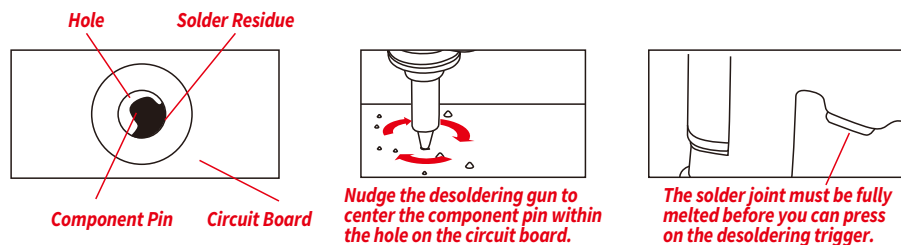
1.



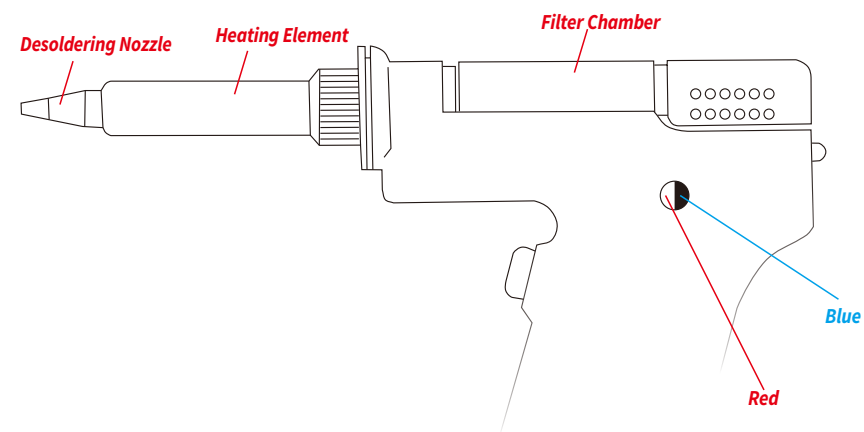
2.



3.

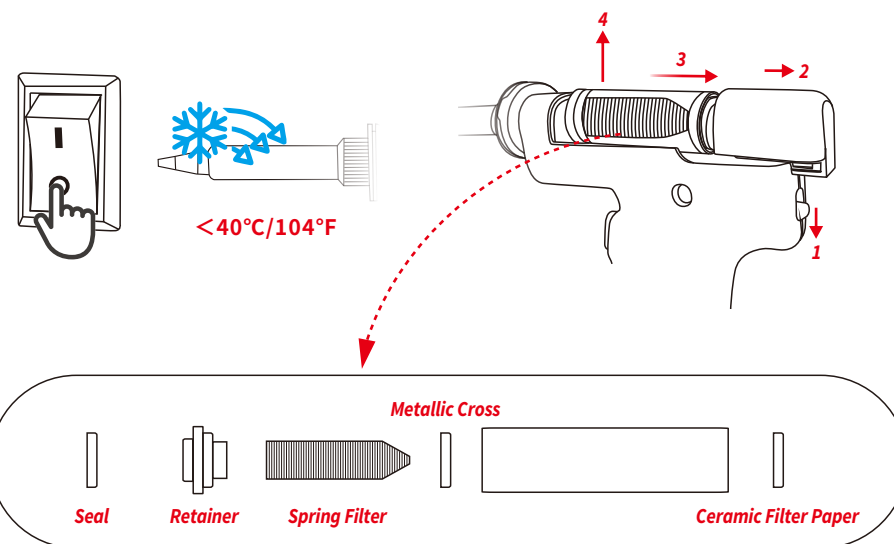


4.



5. Cleaning: Filter Chamber

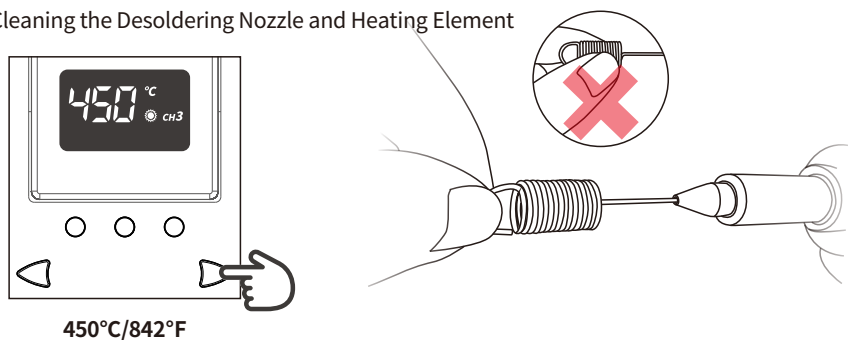
Caution: The filter chamber can only be removed after the desoldering has fully cooled!



Replace the respective components inside the filter chamber if any of the following conditions occur:

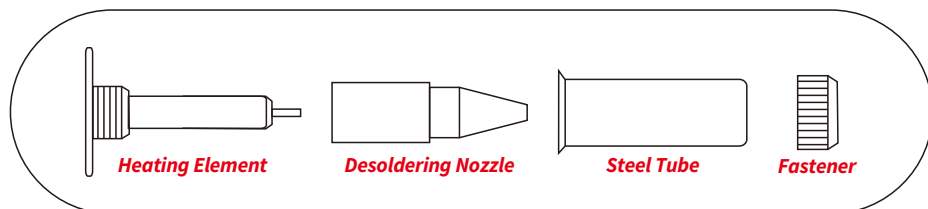
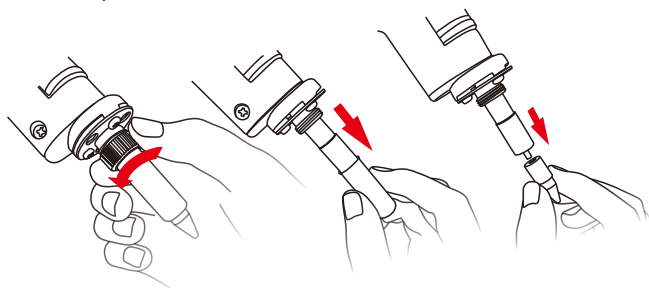
- 1) Unable to remove the solder from the spring filter, or the filter has collected more than 2/3 of solder of its capacity – Replace the spring filter
- 2) The retainer has hardened and cracked – Replace the retainer
- 3) The ceramic filter paper is hardened due to the over-accumulation of solder and flux – Replace the ceramic filter paper

6. Cleaning the Desoldering Nozzle and Heating Element

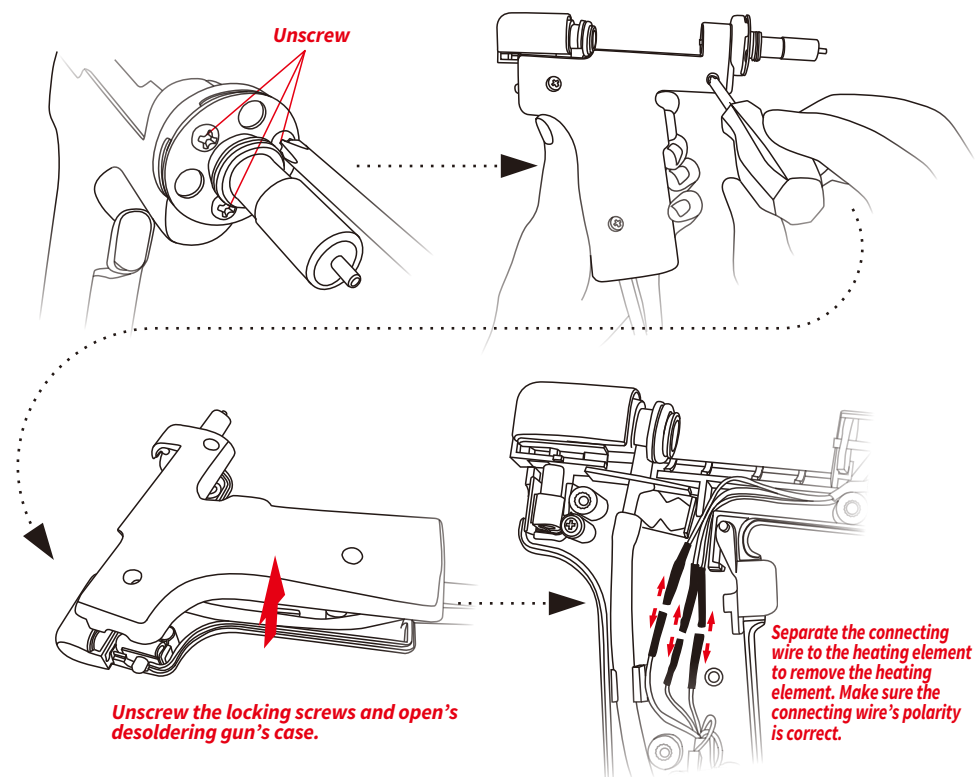


CAUTION:
The solder in the heating element's inner hole must **ONLY** be cleaned when completely melted. If the cleaning pin cannot be put through the heating element's inner hole, change into a new heating element.

7. Desoldering Nozzle Replacement



8. Heating Element Replacement



Assemble the desoldering gun in the reverse order of the disassembly and calibrate the temperature.

V. TROUBLESHOOTING

1. "S-E" – This is an indication that the desoldering station's sensor module is faulty. You need to replace the heating element (the heating element and the sensor modules). Or, the either the desoldering iron or the soldering iron is not connected (Turn OFF the station, connect the respective handle and turn ON the station).
2. "SLP" – This is an indication that the station is in sleep mode.

SPECIFICATIONS

Main Unit dimensions	L220xW120xH156mm ±5mm
Operating ambient temperature	0°C~40°C/32°F~104°F
Temperature range	380°C~480°C/716°F~896°F
Display	LCD
Tip to ground resistance	<2 Ohms
Vacuum pressure	0.05MPa