

Application:

- Repair switch boards, meters
- Solder circuit boards
- Loosen rusted nuts and bolts
- Sensitive IC boards
- Jewelry repair
- Silver solder
- Weld plastics
- Automotive/Aviation service repairs

Warnings:

- 1.) Keep the torch out of reach of children.
- 2.) Read directions carefully before use.
- 3.) The burn tip and other accessory tips get hot in operation. Do not touch the tip or accessories, or place them on flammable objects.
- 4.) Always have a fire extinguisher or bucket of water near the torch work area.
- 5.) Always point away from eyes and body when igniting or operating. Flame is invisible in sunlight, it can cause injury if not used with extreme caution.
- 6.) Under no circumstances should you attempt to repair a damage torch.
- 7.) Do not store under direct sunlight or anywhere that will exceed 104°F / 40°C
- 8.) Do not immerse in water.
- 9.) Make sure the adjustment knob is firmly closed and the flame is completely extinguished after using.
- 10.) Use only in well ventilated areas.

Operation Steps (For solder & blower function)

1.) Screw on solder head as shown in the photo.



5.) Release the trigger SLOWLY to extinguish the blue flame that can be viewed in the hole.



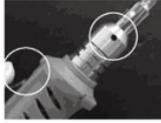
2.) Use pure Butane gas to refill from bottom valve. After refilling, wait 3-5 min to have gas to stabilize.



6.) Upon catalyst turning red, the unit is ready to use for solder or blower function. IF BLUE FLAME STILL APPEARS IN THE HOLE, remember to re-trigger again to stop blue flame appearing.

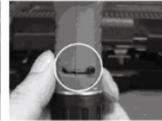
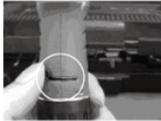


Blue flame in the hole



Re-trigger start to extinguish flame

3.) Turn the flame regulator from left (-) to right (+)



(Remark: If blue flame cannot be stopped by re triggering please turn back flame regulator to (-) position. Restart above procedure to operate once solder tip cools down.)

4.) Push forward the trigger SLOWLY. Hold the trigger 5-10 seconds to heat the catalyst.



Parts:

A. BLOW TORCH
B. HOT BLOW HEAD

IGNITION SWITCH
FILLER VALVE
GAS WINDOW LEVEL
FLAME REGULATOR

Specifications :

Size: 220 x Dia 30mm	Temperature value:
Approx. weight : 124g.	1.) Soldering tip up to 400°C
Gas container capacity : 26ml	2.) Hot Blow tip up to 500°C
Operating time : 100-120mins. (one gas filling)	3.) Blow torch tip up to 1300°C

This Soldering Iron does not contain butane gas when first purchased. * PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE *

Temperature Adjustment:

- 1.) Adjust the torch flame by turning the adjustment knob from left (-) to right.
- 2.) For best result, adjust the length of the flame to approximately ½ to 1 inch. (10-25mm) in length when using. Do not make the flame of torch too long, it will only waste fuel gas and make the flame unstable.



Fig. 7

Storage:

- 1.) Make sure that the torch is turned off and cool, before storing or leaving unattended. (Fig. 7)

Reminder:

Upon catalyst turning red, the unit is ready to use for solder or blower function. IF BLUE FLAME STILL APPEARS IN THE HOLE (Fig. 8), remember to re-trigger again to stop blue flame appearing. If soldering torch doesn't switch to solder function (fire keeps burning) the unit will be damaged to lead it breaks (like Fig. 9) Also the plastic parts could be melted! Please pay attention!



Fig. 8
(Blue flame in the hole)



Fig. 9
(Plastic parts melted)

Trouble Shooting

Problem	Probable Cause	Solution
Does not ignite	1. Empty fuel. 2. Gas pressure too high or low.	1. Refill with Butane gas. 2. Slide the flame controller to lower or higher position.
Excessive Gas Flow	Setting too high.	Adjust flame controller gradually. Re-ignite the torch by gradually increasing the gas.
Low Gas Pressure	1. Low fuel 2. Cold fuel	1. Refuel 2. Hold in hands to warm up.

Note: KEEP OUT OF REACH OF CHILDREN