



24355 - Professional 3-in-1 Butane Soldering Iron Kit

## **INSTRUCTIONS:**

Please read following safety and operational information thoroughly before using the Soldering Iron.

### **SOLDERING IRON & EXTINGUISHING**

1. Make sure the exhaust vent is facing upward to avoid the damage of tabletop.
2. Ignition: Press the Safety Lock Button and using your thumb of free hand to pull down the ignition button in the same time. This action will ignite the soldering iron.
3. Hold the ignition button and release the safety lock button. Move the continuous flame switch to right for a constant flame.
4. Press the flame off button about 1 second to turn off the flame, gas flows through internal catalyst after ignition will generate heat. If you don't press the flame off button, the temperature of soldering iron will be too high.
5. Ignition Off: Move the continuous flame switch to the left, this will cut off the gas supply and extinguish the flame.

### **HOT BLOWER**

Disassemble the soldering tip by rotating the tip counterclockwise. The assembly will now be used as hot blower without the soldering tip. Operation will be the same as above for the soldering iron.

### **PENCIL TORCH**

Disassemble the soldering assembly by rotating the assembly lock counterclockwise. Take off the soldering device and install the metal sleeve back to the unit. Operation will be the same as above for the soldering iron.

### **FLAME ADJUSTMENT**

Move the adjustment lever toward right side to increase the flame strength or toward left to decrease the flame strength.

**When the flame is at “+” position, the longer flames may cause the torch to flare or extinguish. In this situation, please move the gas adjustment lever to “-” side for decreasing the flame strength and set up a most efficient flame.**

## REFILLING GAS TANK

1. Turn off the soldering iron and make sure the flame is off.
2. Wait until the soldering iron temperature cools naturally before refilling it with gas.
3. Hold the soldering iron in an upside down position.
4. Insert and press down the butane canister nozzle into the soldering iron refilling valve.
5. Stop refilling once gas starts to overflow. The soldering iron should never be completely filled. **OVERFILLING WILL CAUSE THE FLAME TO SPIT.**
6. Please allow a few minutes for gas to stabilize before operation.

## WARNING

Read and follow operating instructions and warning and familiarize yourself with the torch before lighting or using. Review instructions and warnings periodically to maintain awareness.

- Keep the burner out of the reach of children.
- Extremely flammable contents under pressure.
- Maintain good ventilation.
- Always wear goggles and protective gloves and use proper tools to handle hot work.
- Never breathe in welding/soldering fumes.
- Do not puncture or incinerate.
- Never attempt to modify the torch construction, use unapproved accessories or fuels or attempt to repair a damaged torch.
- Do not drop the micro torch as the unit might be damaged and ceramic could be broken.
- Never store at temperature above 45°C such as in a car or prolonged sunlight.
- Follow refilling procedure to avoid serious accidents.
- Do not ignite the torch near to the face, hands, clothing or inflammable materials.
- Please note the butane flame may be barely visible in certain light conditions.
- Allow the micro torch to cool down before storage.
- Ensure flame extinguished and gas off after each use.
- Never attempt to use torch as a cigarette lighter.
- Be extra careful when using the torch outdoors on sunny or windy days.
- Wind may carry the torch's heat back toward you or other areas not intended to be heated.
- Never use a torch to remove lead-based paint indoors or in any confined area.
- Always check to make sure no intended parts or materials are being heated.
- Whenever there is a possibility that unintended material has been heated, wait at least two hours before leaving the area.
- Be especially careful to avoid fumes from cadmium, plating and galvanized metal.

- Beware that the torch tip and accessories get hot during use.
- Be sure the flame is not pointed in a direction which would cause nearby objects to ignite.
- Heating these is extremely dangerous, especially after they have been "emptied".
- Always have a fire extinguisher and a bucket of water near the torch and work area.
- Do not use water to cool down the torch; it will hurt the product.
- Store and transport the container upright.
- After use, please wait 2 minutes until confirming the torch is extinguished and cooled down.