

# Pro'sKit® GS-23K Gas Soldering Iron Kit – Auto Ignition.

## Instruction Manual

Thanks for buying PRO'SKIT GS-23K Gas Soldering Iron Kit – Auto Ignition. Please read all instructions carefully before using the product.

### SPECIFICATIONS

Iron size	Φ29 x 245mm
Gas container capacity	15ml
Operating time	About 90mins (one gas filling)
Soldering temperature	up to 500°C
Hot Blow temperature	up to 600°C
Torch temperature	up to 1300°C

### APPLICATIONS

- Repair switch board, meters
- TV Cable system
- Soldering circuit board
- Loosen rusted nut and bolts
- Sensitive IC board
- Jewelry repair
- Silver solder
- Weld plastics
- Automotive / Aviation service repairs

### WARNING

- 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 sunlight; it can cause injury if used with extreme.
- 6.) Under no circumstances should you attempt to repair a damaged 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

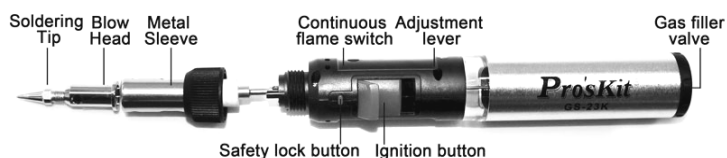


Fig1

#### ● IGNITION

- 1.) Make sure the exhaust vent is facing upward to avoid the damage of tabletop.
- 2.) Press the **safety lock button** and simultaneously using your thumb to pull down the trigger. This action will ignite the soldering iron.
- 3.) Hold the **ignition button** and release the

**safety lock button**. Slide the **continuous flame switch** to right (Fig2) for a constant flame.

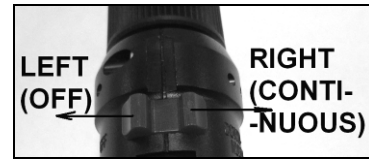


Fig2

#### ● EXTINGUISHING (Fig2)

Slide the **continuous flame Switch** to left (OFF), and 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. (fig1.)

#### ● TORCH

Disassemble the **soldering tip** and **hot blow head** with **metal sleeve** by rotating counterclockwise. Install the **metal sleeve** back to the unit. Operation will be the same as above for the soldering iron. (Fig2)

#### ● FLAME ADJUSTMENT

Slide 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 (Blue Flame).

#### ● GAS REFUEL

- 1.) Use only high quality butane gas.
- 2.) Before refilling make sure that the **continuous flame Switch** at left (OFF) side. (Fig2)
- 3.) Follow the directions on butane fuel can. Insert the tip to **filler valve**, using a pumping action for best results
- 4.) After filling allow the gas to stabilize a few minutes before ignite.

#### ● STORAGE

Make sure that the torch is turned off and cool, before storing or leaving unstable.

### TROUBLE SHOOTING

Problem	Probable cause	Solution
Does not ignite	1. Empty fuel 2. Gas Pressure too high or too low.	1. Refuel 2. Slide the adjustment lever toward right or left.
Excessive gas flow	Setting too high	Adjust gas regulator 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.

感謝您購買和使用 PRO'SKIT GS-23K 自動點火多功能瓦斯烙鐵組，使用前請仔細閱讀說明書，閱讀後請妥善保存，以備查閱。

### 1. 規格

烙鐵尺寸	Φ29 x 245mm
瓦斯筒容量	15ml
使用時間	約 90 分鐘 (一次完全充填)
烙鐵溫度	500°C
熱風溫度	600°C
火燄溫度	1300°C

### 2. 產品應用

- 維修開關電路或馬達
- 有線電視系統
- PCB 焊錫
- 鬆開生鏽的螺帽或螺絲
- 敏感的 IC 板
- 珠寶維修
- 焊銀料
- 熔接塑膠
- 汽車航空服務維修

### 3. 警示

- 1.) 將產品放置在小孩拿不到的地方
- 2.) 使用前仔細閱讀說明書。
- 3.) 操作完成後請勿碰觸或是將熱燙的烙鐵頭及其他配件放在可燃物附件。
- 4.) 在本產品的工作區域附近需放置滅火器或是已裝水的水桶。
- 5.) 當點火或操作身體及眼睛需遠離熱點，火燄就像陽光一樣時有可能會造成傷害。
- 6.) 在任何狀況之下都不應該嘗試修復本損壞的產品。
- 7.) 存放時請不要讓太陽直射或是讓存放溫度超過 104°F / 40°C
- 8.) 不要將產品浸泡在水中。
- 9.) 在使用完成後確認開關及調整鈕為關閉的狀態並確認會燄是熄滅的狀態。
- 10.) 請在通風的地方使用本產品

### 4. 操作說明

#### ● 產品圖解說明



圖一

#### ● 點火

- 1.) 使用時出氣口朝上以免損壞桌面。
- 2.) 按“安全鎖”按鈕，同時用拇指順勢下滑觸動點火開關。這一動作會點燃烙鐵
- 3.) 釋放“安全鎖”按鈕，拇指維持下壓點火開關。將連續火焰開關撥到右邊(圖二)確保不熄火。



圖二

#### ● 熄火

將連續火焰開關撥到左邊，此動作會切斷瓦斯的供應，火燄隨之熄滅。(圖二)

#### ● 熱風

逆時針方向旋轉拆下烙鐵頭後執行上述點火的動作即會產生熱風。

#### ● 火炬

逆時針方向旋轉拆下烙鐵頭、金屬套管及熱風頭後再將金屬套管裝上後再執行上述點火的動作即會產生火炬。

#### ● 火燄調整

將火燄調整開關滑往右邊會加大火燄的強度，往左則減小火燄的強度，當火焰調整開關在“+”的位置時，可能會導致較長的喇叭形火焰或熄滅，當這種狀況發生時請將火焰調整開關滑往“-”側，降低火焰的強度並調整成有效的火焰(藍色火燄)

#### ● 填充瓦斯

- 1.) 請使用高品質丁烷瓦斯。
- 2.) 填充瓦斯前請先確認連續火燄開關已撥到左邊(圖二)
- 3.) 依照指示在將瓦斯筒的填沖頭插入填寫閥門，並且將瓦斯管罐以重覆壓入放鬆的方式進行瓦斯填充
- 4.) 填充完成後，請將產品靜置數分鐘後再進行點火。

#### ● 收納存放

收納存放或是擱置前時請確認產品為熄火並且冷卻的狀況下進行。

### 5. 簡易問題排除

問題	可能發生的原因	解決方法
點不著火	1. 沒瓦斯 2. 瓦斯壓力太低	1. 補充瓦斯 2. 火燄調整開關滑往右邊或左邊
氣體流量過多	設定太高	通過逐步調整火燄調整開關增加氣量再逐步重新點燃的火炬調整
瓦斯壓力太低	1. 瓦斯過少 2. 瓦斯太冷	1. 補充瓦斯 2. 握在手掌中加溫。