M1235CK

100mm

480mm

Butane Soldering Iron
PRO-90

iroda

SOLDERPRO

PROFESSIONAL QUALITY

MiT MADE IN TAIWAN

BLUE FLAME 1300°C

Great For:
* Electrical/ Electronic CircuitRepair
* LightGauge Welding
* BrazingLight
* Plumbing
* Jewelry, Eyeglass
* FrameRepair
* ModelBuilding
* ArtsandCrafts
* DentalWax Corrections

Important:
Read these instructions for use carefully so as to familiarize yourself with the appliance before connecting it to its gas cartridge or gas cylinder. Keep these instructions for future reference

iroda
INSTRUCTION MANUAL

Butane Soldering Iron
PRO-90

REFILLING

- Use only high-quality butane gas.
- Refill in a well-ventilated area away from any ignition source and other people.

1. Hold butane canister upside down when filling (Fig. 1)
2. Firmly press canister nozzle into **Gas Filling Valve.**
3. Release canister when gas starts to overflow. (Gas overflow during refilling is normal and does not indicate a leak)
4. Wait for a few minutes before use.

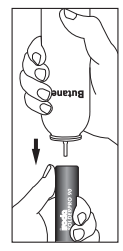


Fig.1

IGNITION

1. Set Gas Control Lever at mid position to start the flow of gas.(Fig.2)
2. As gas is flowing, slowly slide up the ON/OFF Ignition Switch toward the tip till you hear a click.(Fig. 2b)
3. The automatic ignition will light the torch and the tip housing will start to glow red.
4. To turn off, slide the Gas Control Lever left towards the OFF position.

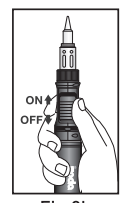


Fig.2b

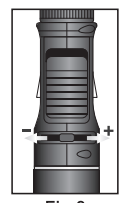


Fig.2

IGNITION WARNINGS

- Do not touch Tip, Tip Housing or Knurled Nut while igniting. (Fig. 3)
- Do not ignite torch when Tip Assembly is not screwed on. (Fig. 4)

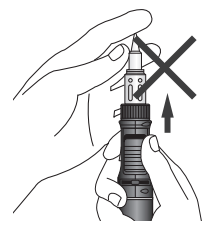


Fig.3

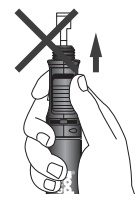
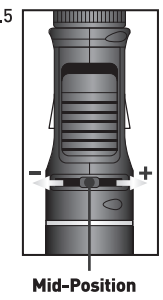


Fig.4

TEMPERATURE ADJUSTMENT

- The tip temperature can be adjusted by turning the **Gas Control Lever** left or right. (Fig. 5)
- Set to **mid-position** when soldering or brazing.
- Excessive gas flow, flare-up or catalyst pulsing red may occur when the **Gas Control Lever** is set too high.

Fig.5



Mid-Position

SPECIFICATIONS

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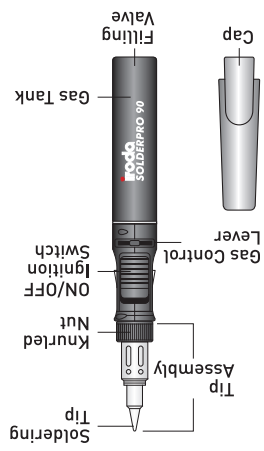
Butane Soldering Iron
PRO-90

Dimensions	W/C W/S H	7.8 inches (198 mm) 7.4 inches (189 mm) 1.1 inches (27.5 mm)
Weight (Empty Tank)		63±2g
Fuel		Butane
Flame Temperature		2400°F/1300°C (Blue flame)
Operating Time		Approx.53 Minutes (mid. setting)
Nominal Rate in G/H and in KW (Hs)		10.18 G/H and 0.14 Kw (Hs)
Injector Size		0.08 mm
Destination Country		GB



WARNINGS

- Unit uses flammable gas (Butane) under pressure - use with care.
- DO NOT expose to heat above +50°C (120°F) and avoid prolonged exposure to the sun.
- DO NOT puncture or incinerate.
- DO NOT refill, ignite or use near open flame, heater, furnace or combustible materials.
- Keep work area clean. Cluttered areas and benches invite injuries.
- KEEP AWAY FROM CHILDREN. Visitors should be kept away from work area.
- Store in dry, locked cabinet out of reach of children.
- Be extremely careful as torch flame tip temperature is over 1300°C (2400°F)
- Be extremely careful as torch flame is almost invisible in daylight orunder strong light .
- Use Safety Glasses.
- Do not touch the heated tip of the unit.
- DO NOT leave unit unattended when operating or hot.
- Always be sure unit is cool before storing.
- DO NOT replace cap without switching unit off and ensuring tip has cooled.
- If your torch malfunctions do not try to repair. Contact your dealeror online support for help.
- Butane-Propane mix or other fuel could create much higher temperatures and cause flare-up at the tip exhaust slots.
- Do not use the appliance if it has damaged or worn seals ;
  Do not use an appliance which is leaking, damaged or which does not operate properly.
- DO NOT
- For outdoor use or use in a well-ventilated location in accordance with national requirements:
  - for the supply of combustion air;
  - and to avoid the dangerous building up of un-burnt gases
  or appliances not fitted with a flame supervision device;
- The appliance shall be operated on a horizontal surface, unless it is not intended to operate resting on surface.
- The appliance shall be used away from flammable materials and information on minimum distances 1.5m from adjacent surfaces (wall, ceiling).
- If there is a leak on your appliance (smell of gas), take it outside immediately into a well-ventilated flame free location where the leak may be detected and stopped.
  If you wish to check for leaks on your appliance, do it outside. Do not try to detect leaks using a flame, use soapy water.
- Do not modify the appliance or try to fit it. Send the appliance back to a place you purchased.

This appliance may be filled with any cartridges marked "Butane-Propane Mixture" complying with EN 417.

Manufacturer: Pro-Iroda Industries, Inc.
Add: No. 68. 32nd Road, Taichung Industrial Park, Taichung 40768, Taiwan.
TEL: 886-4-2359-9599

Butane Gas Powered Heating Tool
Model: PRO-90
Type of gas: Butane
Category: Direct pressure

Designed & Manufactured by
Pro-Iroda Industries, Inc.

WARNING:
Cancer and Reproductive Harm-
www.P65Warnings.ca.gov

1336/22
Pin No: 1336DN002
We love the Earth

PRO-90
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MADE IN TAIWAN

CHANGING TIPS

1. Be sure the tip has cooled before removal.
2. Unscrew Tip Assembly with a counterclockwise motion. (Fig. 6) Pliers may be required to lightly grasp the **Knurled Nut** in order to loosen the tip.
3. Replace with desired tip. Be careful not to overtighten as this could damage thethread in the cap.

WARNING: The catalyst inside the soldering tip is very delicate and will not sustain mechanical abuse without serious damage.

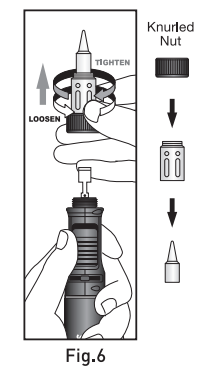

Fig.6

CLEANING

- Use only mild soap and a damp cloth to clean the housings of the tool. Many household cleaners contain chemicals which could seriously damage the plastic. Also do not use gasoline, turpentine, lacquer or paint thinner, dry cleaning fluids or similar products. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

TROUBLE SHOOTING

- To reduce the risk of personal injury, property damage, or damage to your **SOLDERPRO 90**, do not attempt to repair the unit body.

PROBLEM	PROBABLE CAUSE	HOW TO CORRECT
Does not ignite	a. Empty Gas Tank b. Too high or low fuel pressure c. Pushing on/off ignition switch too fast.	a. Refill with butane fuel b. Adjust control lever to a higher or lower position. c. Re-read IGNITION steps
Low gas pressure or low flame	a. Cold fuel b. Low fuel	a. Hold body in hands to allow unit to warm up. b. Refuel
Tip does not heat up	a. Used-up catalyst b. Insufficient fuel pressure	a. Replace with new tip. b. Adjust control lever to a higher position.

SPECIAL WARNING

- This product, when used for soldering and similar applications,produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Department of Transportation Hazardous Materials Regulations forbid the carriage of butane or other flammable gas products on passenger aircraft. Do not pack this item or any other flammable gas item, in any checked or carry-on baggage.