

portasol SuperPro PRELIMINARY INSTRUCTIONS

WARNING

Read instructions carefully and understand before using. Use with care as this tool contains flammable butane gas under pressure. Do not expose to fire, flame, or temperatures in excess of 120°F (50°C), e.g. back parcel shelf of car on sunny day, etc. Hold away from body and face when lighting. Keep out of reach of children.

SAFETY WARNING - PRESSURISED CONTAINER

- Do not expose fuel reservoir (tank) to temperatures in excess of 120°F (50°C).
- Excessive gas flow, flaming, or catalyst pulsing red, may occur when the regulator is incorrectly adjusted (i.e. set too high). It is essential to ignite the tool with the tip pointing away from face and body.
- Do not use or ignite near combustible substances.
- The cap can be replaced when hot; however, care must be taken to avoid touching the cap with the tip while sliding into place, otherwise damage to the cap will certainly occur.
- Be certain that flames are completely out before setting the tool down.

GAS TYPE

The tool operates on butane gas such as used with ordinary cigarette lighters. Use only filtered gas such as the Ronson, Braun, or Colibri, brands.

IGNITION SEQUENCE

The **SuperPro** is ignited by a piezo-electronic system. Please note that the ignition sequence for flame use, differs slightly from ignition in soldering or hot air mode.

Flame

Remove any tips and tip retaining collars. Turn flow adjuster to mid setting. Turn gas on by pushing switch forward on switch (forward pointing triangle on switch). "Click back" on piezo ignition switch (lightning logo, backward pointing triangle), and quickly release (the internal spring will provide sufficient speed). If the speed of return of the piezo switch is slowed slightly by finger pressure the gas flow interrupt may extinguish the flame. Experience will dictate.

Soldering

Fit soldering tip of choice and retaining collar. Turn flow adjuster to max. setting. Turn gas on by pushing forward on switch. "Click back" on piezo ignition switch, and allow the switch to return while still maintaining light thumb pressure on switch to enable the gas flow interrupt to extinguish the ignition flame, and allow the catalyst to assume combustion control.

Hot Air and Knife Tip

Fit tip, and retaining collar. Follow ignition sequence as for soldering tips.

TEMPERATURE ADJUSTMENT

Tip temperature and gas flow can be adjusted by turning the temperature regulator button (placed as usual at the filling end) within the HI/LO range. It is not necessary for the tip to glow bright red to achieve satisfactory soldering temperatures. Experience will dictate the temperature adjuster setting required.

GAS FILLING

Adaptors are not normally required when refilling. To fill, hold butane refill **above** tool, as fuel fill is dependent on gravity and pressure. Keep can and tool in truly vertical position during refill. Do not refill at an angle. Stop filling when gas spills from valve. The special venting valve allows quick and easy charging.

TIP REPLACEMENT

Soldering, hot air, and other tips are easily removed or installed, by unscrewing the retaining collar and sliding the tip, collar, and nut over the ignition assembly. Remove the tip, and replace with new or alternate unit. Slide back into place and screw into position.

CAUTION After use, the tip, and retaining collar, may still be hot. Allow to cool sufficiently before touching.

TIP TEMPERATURE RANGES

Soldering Tips	Up to 580°C. (1075°F.)
Blow Torch (no tip)	Up to 1300°C. (2372°F.)
Hot Air Tip	Up to 625°C. (1150°F.)
Hot Knife Tip	Up to 625°C. (1150°F.)

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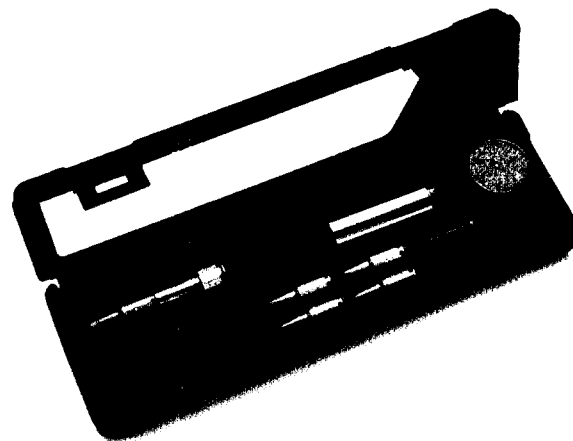
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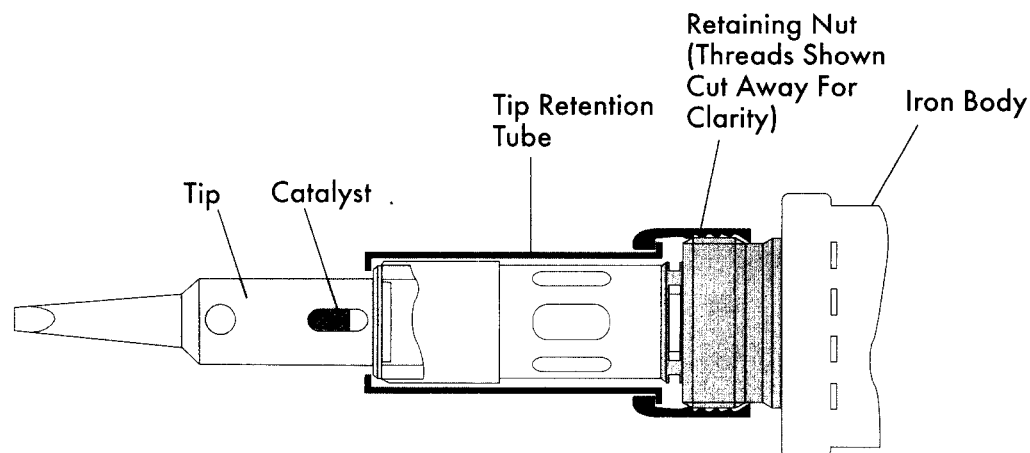
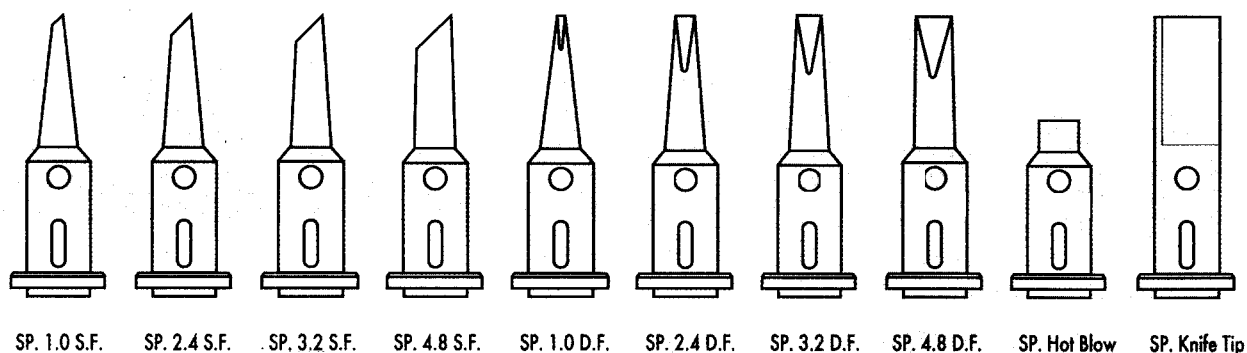
Technical Specifications:

Length (mm)	233
Weight (g)	165
Operating time (typical, mins.)	120
Tip temperature (Deg. C., max.)	580
Refill time (typical, secs.)	30
Gas type	Gas lighter fuel
Tip selection	10
Fitted ignitor	Piezo
Temperature adjustable	Yes

SuperPro Kit



Standard Kit - Iron, 1 x Soldering Tip
 - 1 x Hot Air Tip, 1 x Knife Tip
 - Sponge Tray



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