

Pro-Solder 50

50w Rechargeable Soldering Kit

Part No: PPS50W



User's Manual

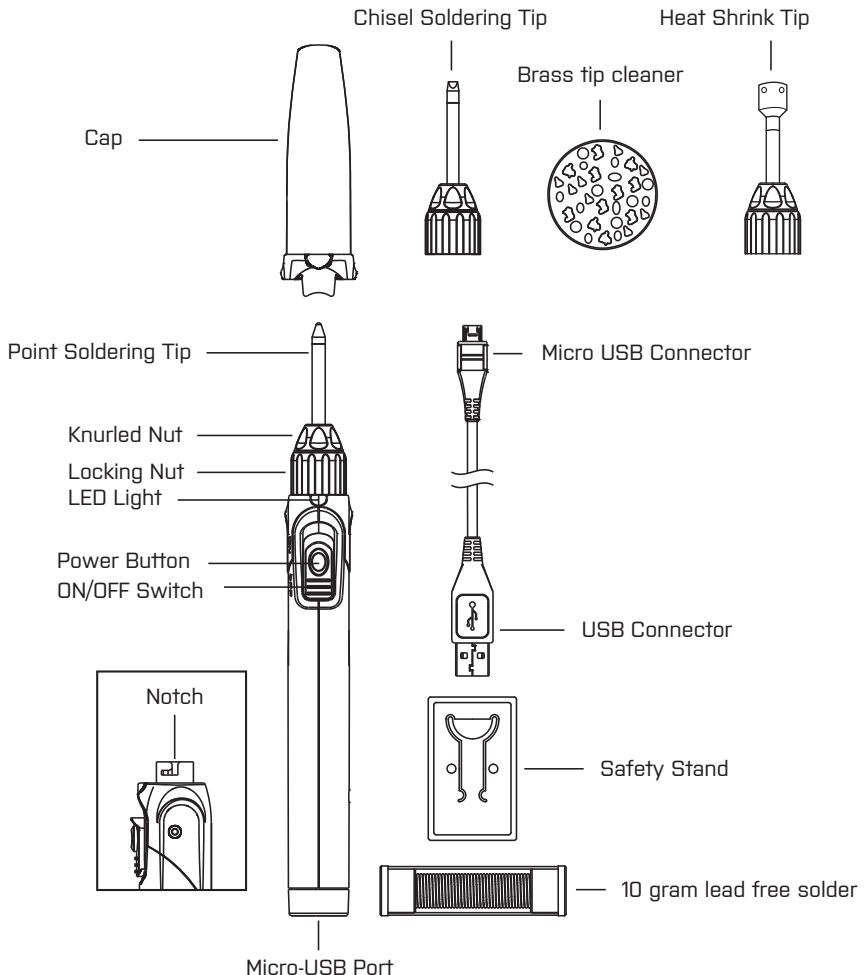
- 50W Rechargeable Soldering Kit

POWER PROBE®

Charging Instructions

This soldering is rechargeable. Using the supplied cable, insert the Micro USB connector into the end of the soldering iron, and the USB connector to a wall charger / computer port.

A full charge will take approximately 3.5 hours. Once charged, the indicator light will turn green.



Soldering Instructions

1. Thoroughly clean and remove oil and other contaminants from the parts to be soldered.
2. Use only small amounts of solder. Excess solder can cause a short circuit.
3. Slide the soldering iron switch to the ON position and press and hold the power button. The LED light will illuminate indicating that the iron is on.
4. Allow the tip to reach working temperature (about 10 seconds). Apply a small amount of solder to tapered surface of tip. Remove excess solder with a damp soft rag or sponge.
5. Tin wires by heating the bare wire and allowing a small amount of solder to flow onto the tip of the wire.
6. Touch the tapered surface of the tip (not the point) to the joint to be soldered. Heat joint and allow heat from joint to melt solder.
7. Allow a small amount of solder to flow into the joint.
8. To ensure a strong joint, do not touch or move the joint until it has cooled completely.

Heat Shrink Instructions

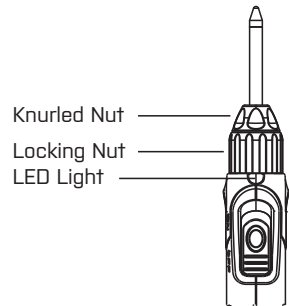
1. Slide soldering iron switch to the ON position and press and hold the power button. The LED light will illuminate indicating the iron is on.
2. Keep the shrink tip moving back and forth along the length of tube (less than diameter 4.0mm), as staying in one place can damage the tube or wire even further.
3. Continue heating the tube until it is tightly secured to the wire.

How To Replace The Tip

1. Ensure soldering iron switch is in the OFF position. Allow tip to cool completely before replacing tip.
2. Use only genuine replacement tips.
3. Unscrew old tip by rotating translucent locking nut counterclockwise.
4. Screw in new tip by rotating translucent locking nut clockwise until it snaps on lock position. Note: Align the notch on the housing to install the new tip.
5. Do not file tip.

Adjust the direction of the tip

1. Rotate the black knurled nut to adjust the direction of the tip



WARNINGS



- When used for soldering and similar applications, this product contains or produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Potential electrical shock. Do not use soldering iron if housing is cracked or damaged. Never use in wet area. Do not attempt to repair or modify soldering iron. Always de-energize device being soldered.
- Potential burn hazard. Hot tip can cause severe burns. Do not touch tip of tool. Allow tool to cool before touching tip or replacing protective cap.
 - Work only in a dry area.
 - Work only in areas free from flammable materials.
 - Always store the soldering iron in a dry place out of reach of children or anyone who has not read these instructions.
 - Always wear eye protection and gloves when operating the soldering iron.
 - Never touch the tip of a hot soldering iron or attempt to remove solder from the tip with your hands.
 - Do not use in the fabrication or repair of potable water service systems.
 - Always rest the soldering iron where heat from soldering iron cannot damage nearby items.
 - Ensure that switch is in the OFF position when the iron is not in use.
 - Tip remains hot after use for several minutes. Ensure tip is cool before storing the soldering iron. Never leave soldering iron unattended.
 - Do not disassemble or modify the battery. The battery contains safety and protection devices which if damaged, may cause the battery to generate heat, rupture or ignite.

Specifications

Weight	100 g
Charging Time	3.5 Hours
Running Time	Soldering Iron: 35minutes Heat Shrink: 25minutes
Max Temperature	600°C (1112°F)
Charging Cable	100 cm USB to Micro-USB