

# POWER

## User Manual

### ECP-3201 70W Adjustable Soldering Iron

#### PACKING LIST



Handle 1pc



User manual 1pc

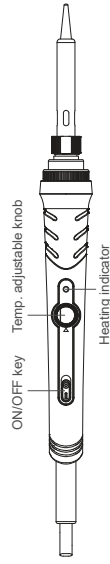


Metal Stand 1pc

#### PRODUCT SPECIFICATION

Model No.	ECP-3201
Input voltage	110VAC
Power	70W
Temperature range	392-932°F (200-500°C)
Heater	PTC ceramic heater
Cable length	5 ft. (1.5m)
Weight	110g

#### PRODUCT APPEARANCE



Set the temperature by turning the adjustable knob

Temperature range of ECP-3201 is 392-932°F (200-500°C)

#### OPERATION

- Remove the plastic protective cap on the iron tip before using.
- Check whether the voltage to be used is correct.
- Plug in the soldering iron, then switch it on.
- Adjust the knob to the desired temperature and wait for the temperature to stabilize.
- When the indicator light is on, the soldering iron temperature is rising. When the indicator light is flashing, the soldering iron has reached the set temperature.
- After done using, please clean the solder tip and apply some new solder on it to make a protective layer.
- When it's on power but not in use, do not place the product vertically as it might shorten the service life.
- After finish using, be sure to unplug to cut off the power.

#### Warning



When power is on, temperature of soldering tip might reach 200~500°C (392~932°F). Misuse may cause burns and fire, please strictly observe the following precautions:

- Do not touch the soldering tip or metal part around it while using
- Do not use it around combustibles
- Inform people around of the potential risk caused by high temperature when using
- Turn the power off when not in use
- Before replacing parts or tip, turn off the power and wait till the iron tip cools down to room temperature
- Do not use this product if you are inexperienced or have no sufficient necessary knowledge without the guidance of related qualified personnel
- Please keep it out of reach of children
- If the power cord is damaged, please ask the manufacturer or its service agent or similar qualified personnel to repair it, so as to avoid personal injury or damage to product

Please strictly observe the following precautions, otherwise it may cause injuries or death

- Do not use this product for works other than soldering
- Do not hit the handle hard for removing tin on iron tip
- Do not modify this product
- When replace parts, must use original manufacturer parts
- Do not soak this product in water or use it with wet hands
- Unplug it properly after using
- Smoke will be emitted during soldering, please use it in open space
- Do not engage in other dangerous acts with this product

Note: Put the soldering iron on a handle holder when not in use. Cut off the power after done using.

## MAINTENANCE

When the heater needs changing, please unplug the soldering iron first!

1. After unplugging the soldering iron, wait until the soldering tip cools down to room temperature.
2. To change the soldering iron tip, (as following Figure 1-1) unscrew the stainless steel sleeve on the tip, replace the current tip with a new one, and screw tighten the sleeve back
3. Please use the original spare parts authorized by the factory for replacement
4. This soldering iron complies with relevant safety regulations. Always make sure to have your soldering tool repaired by a qualified electrician

When replacing the heating core, select the heating core with the voltage corresponding to the host.

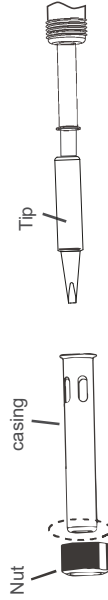


Figure 1-1

The soldering iron tip is designed with electroplating protective layer which can greatly prolong its service life and shall not be damaged by mechanical adaptation (e.g. polishing, scraping). Clean the oxide on the surface with wet-water sponge or brass wool carefully, turn on power and heat it and apply some new solder on the tip for protection. If the iron tip has been deformed or worn-out, please replace it with a new one.

Soldering tip maintenance

1. Set temperature to 250°C(480°F).
2. After temperature gets stable, clean the soldering tip with brass wool, and check it's condition.
3. If there's black oxidation on it, apply new tin(with solder aid), and wipe it with brass wool till it's clean. Then apply new tin again.
4. Please replace it when the soldering tip is deformed, perforated or worn-out obviously.

## WARRANTY TERMS

- We offer a one-year limited warranty for this machine (excluding consumables such as soldering tips and heating elements).
- The warranty covers materials and manufacturing defects from factory shipment collection date and includes both replacement parts and labor.
- The warranty becomes void if the damage is caused by improper use or if the equipment has been altered or repaired by unauthorized personnel.

## T900 SERIES SOLDERING TIPS STYLES



ECP-3211  
T900-2.4D  
2.4mm Optional  
Smaller Tip



ECP-3210  
T900-3.2D  
3.2mm Replacement  
Tip

**EcoPOWER**



For Product Support  
Call Us: 1-800-705-2215



MADE IN CHINA