

# goot® PX-201 TEMPERATURE CONTROLLED SOLDERING IRON

## OPERATION INSTRUCTIONS

### ! WARNING

- To prevent serious burns, never touch the tip, heater barrel and collar until they cool down.
- To prevent fire, keep the soldering iron away from the flammable substances and materials in the work area.
- Never use your soldering iron if the power cord is damaged, or fires or electrical shock may occur.

### ! WARNING [ with ground plug ]

- Be sure to properly ground the soldering iron using a ground receptacle to prevent electrical shocks. If it is not properly grounded, an electrical shock may occur.

### NOTE

- Do not use water to cool the tip down or it may cause damage to the heater. Cool it in the natural air.
- Do not file the tip to clean it or the long-life tip may be damaged.
- Do not give a hard shock to your soldering iron. Dropping or hard shock could result in breakage, cracks or fissures in the ceramic heater.
- Do not use your soldering iron without the tip or the heater will be damaged.
- When compared to use with solder containing lead, tip-life may be shorter when using lead-free solder.

### ! CAUTION

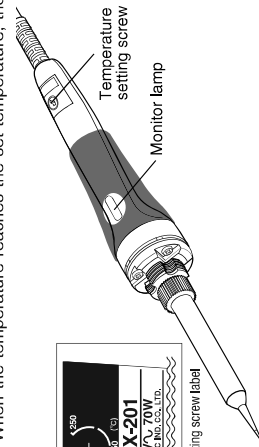
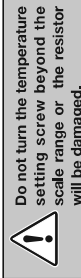
- Make sure to use soldering iron stand to prevent fires and/or burns. **ST-77** soldering iron stand is recommended.)
- Keep children and bystanders away from the soldering iron.
- Connect to the specified power supply. The power voltage for this soldering iron is indicated on the grip. Never plug the soldering iron into any other voltage.
- Do not use the soldering iron in damp or wet locations or expose it to rain, including outside to prevent electrical shock.
- Plug in fully in the outlet after checking that the current is correct. Unplug when not in use. (Pull out the plug when unplugging. Never yank the cord.)
- After use, the tip may still be hot. Allow it to cool down sufficiently before touching or storing, or burns or fires may occur.
- It can be covered by the cap, and stored 3 minutes after use. Do not put on the cap while the soldering iron is plugged in.
- Ask the dealer or distributor you purchased it from to do the tip temperature calibration.

### MAINTENANCE

- The tips are pre-tinned in the working area with solder. Keep the tip tinned. After finishing the operation and before storing, clean the tip with a heat resistant sponge moistened with water and tin it. A tinned tip prevents oxidation of the surface when the tip is reheated.
- Regularly remove the collar and heater barrel, and remove any oxidized particles on the tip when the soldering iron is cool. If you do not, the tip will stick to the heater.
- Be sure that the collar fixing the soldering tip is securely tightened prior to use.

### HOW TO USE

- Set the required temperature by using the temperature setting screw by (+)screw driver.
- The monitor lamp lights when the heater is ON. When the temperature reaches the set temperature, the lamp will flash.



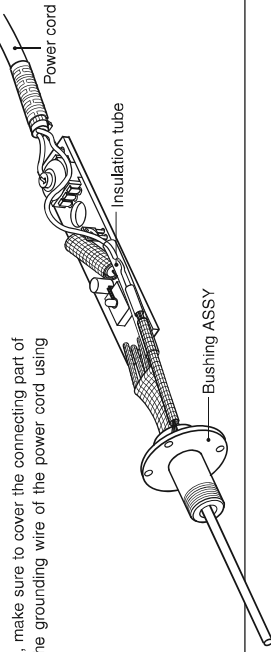
### REPLACING THE HEATER (SOLDERING IRON WITH GROUND PLUG)

### ! WARNING

- When replacing the tip, heater barrel, collar, heater or other parts, be sure to unplug the soldering iron and allow it to fully cool down. Failure to follow this will result in possible electrical shocks, serious burns or a serious injury.

### ! CAUTION

- When doing maintenance use only genuine goot replacement parts. The use of any other parts may create a hazard or cause damage to the soldering iron.

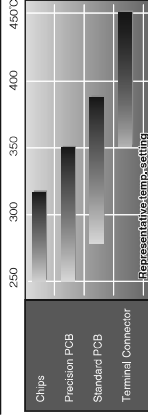


After replacing the heater, make sure to cover the connecting part of the Bushing ASSY and the grounding wire of the power cord using the insulation tube.

### FEATURES

- The temperature can be variably set from 250 to 450°C. The tip temperature can be accurately controlled by a ceramic heater with integrated sensor.
- Quick heat recovery when doing lead-free soldering is assured with the 70W high power heater.
- The power monitor lamp lights when the heater is ON.
- The ergo-grip reduces hand fatigue during continuous soldering.
- A heat-insulation cap is included. The soldering iron can be stored 3 minutes after unplugging.

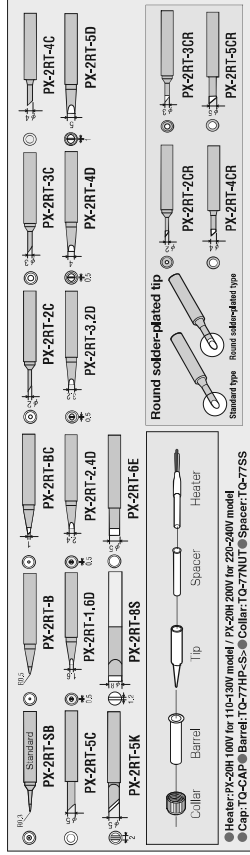
### REPRESENTATIVE TEMP. SETTING



### SPECIFICATIONS

Model	PX-201
Power Consumption	70W
Temperature Setting Range	250-450°C
Insulation Resistance	100MΩ 500V DC
Length	210mm(L)
Weight (w/o cord)	86g

### REPLACEMENT PARTS



SOLDERING EQUIPMENT AND ACCESSORIES  
**TAIYO ELECTRIC IND.CO.,LTD.**  
[www.goot.co.jp](http://www.goot.co.jp) / [info@goot.co.jp](mailto:info@goot.co.jp)  
 Customer service: Contact your nearest distributor

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