



# LEAD-FREE TEMPERATURE-CONTROLLED SOLDERING IRON

## PX-480 Smart Iron

Made in  
**JAPAN**

Easy Handling

**Ergonomic Grip**

Short grip, short distance to tip.

Large heat capacity

**More than 2X existing products**

Set Temp. from 200°C to 500°C

**Digital Display in 1°C Increments**

Much Longer Tip Life

**SLEEP/SHUTDOWN (PAT.P)**

**NEW**



LED shows power on/off  
Prevents accidents!

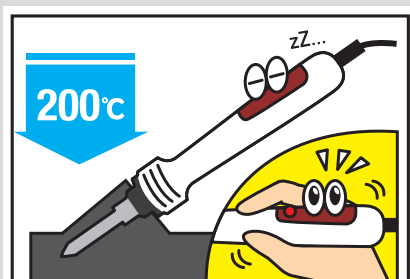
Easy-to-see LCD display



*For motors, harnesses, models, power boards, transformers, stained glass, etc. requiring heat!*

### Smart Functions for Safe, Secure Soldering

#### SLEEP

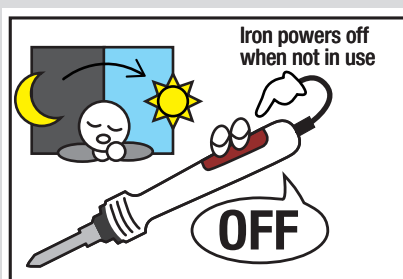


- Iron goes to sleep when not in use. Tip lowers to sleep temperature (e.g., 200°C)
- Iron sleeps when not in use. Prevents oxidation, lengthening tip life.

#### SLEEP FUNCTION RELEASE

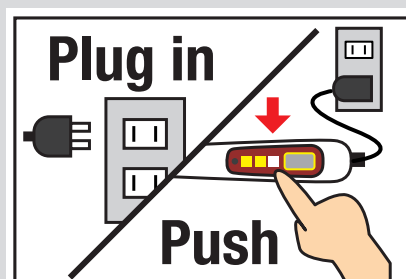
Nudge the soldering iron lightly. It wakes up and returns to the set working temperature.

#### SHUTDOWN



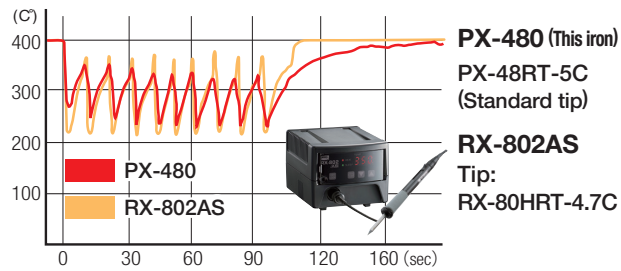
- Iron shuts down automatically when not used during the preset time.
  - Temperature is displayed as temperature drops.
  - Saves electricity, and prevents accidents.
- \* Iron remains off until a button is pressed, or cord is unplugged and plugged in again.

#### SAFETY MODE



- Gives you an optional start-up method.  
ON: Iron heats only when a button is pressed.  
OFF: Iron heats as soon as it is plugged in.
- \* Safety Mode saves electricity and prevents accidents.

## Compares Nicely with Station Iron RX-802AS

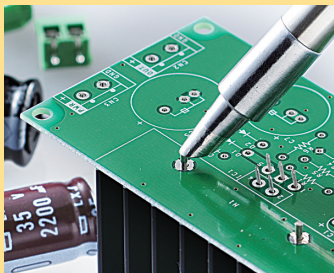


Tip temperature and time to complete the operation when melting 10 consecutive spots of lead-free solder, hardened on 4mm countersunk screws, at a set temperature of 400 °C.

## Specifications

MODEL	PX-480	PX-480 (3-prong plug)
Voltage	110-120V, 220-240V AC 50/60Hz	
Power Consumption	90-110W(110-120V), 100-120W(220-240V)	
Temperature Setting Range	200–500°C	
Ripple Temperature	±5°C (unloaded)	
Ground Resistance	—	2 Ω or less
Leak Voltage	—	Less than 2 mV
Insulation Resistance	100 MΩ or more (500 V DC)	
Heater	Ceramic heater	
Power Cord Length	1.5 m	
Length/Weight	229mm/85g	
Accessories	Soldering Iron Tip (PX-48RT-5C)	

The length does not include the cord bushing. The weight does not include the cord.



### High-heat capacity tip greatly boosts efficiency.

Powerful output ideal for motors, transformers, harness processing (audio and in-car), triacs, stained glass, etc.

### For all kinds of soldering

Digital set temperature display. Temperature can be set from 200°C to 500°C by 1°C increments.

### KEY LOCK (PAT.)

Lock with password. No tools or cards necessary. (Temperature and other settings cannot be changed by unauthorized personnel.)

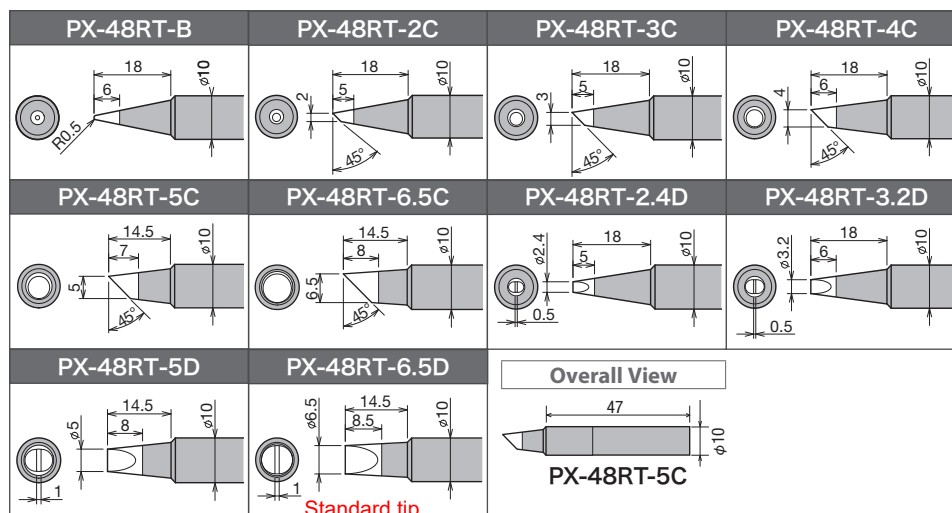
### Much Longer Tip Life! SLEEP/SHUTDOWN (PAT.P)

SLEEP and SHUTDOWN can be set by vibration sensor. Use will greatly increase the life of the soldering tip.

### Calibration

Difference between displayed temp. and the measured temp. of the tip thermometer is easily fixed by entering a correction value.

## Replacement Tips



## Compared with PX-280 Tips

More than **Twice** the heat storage

**PX-280 Tip**  
PX-28RT-S2C



**PX-480 Tip**  
PX-48RT-5C



Increased volume by axis + total length

**Achieves high heat storage**

## REPLACEMENT PARTS / OPTIONS

PX-480 Heater

**PX-28H**

PX-480 Collar

**CXR-80NUT**

PX-480 Washer

**CXR-80WS**

Recommended Stand

**ST-27**



ST-27



SOLDERING IRONS, EQUIPMENT & ACCESSORIES

**TAIYO ELECTRIC IND.CO.,LTD.**

2-16-8 Yamate Fukuyama Hiroshima 720-0092 Japan

International Marketing

TEL: (81)84-951-1512 FAX: (81)84-951-9531

Website: [www.goot.co.jp](http://www.goot.co.jp) E-mail: [info.intl@goot.co.jp](mailto:info.intl@goot.co.jp)