

SOLDERING IRONS [LEAD-FREE TEMPERATURE-CONTROLLED STATIONS]

6 seconds to set temperature.
The ultimate solution for lead-free soldering.



TEMPERATURE-CONTROLLED LEAD-FREE SOLDERING STATION RX-802AS



New Soldering Iron Stand
More stable, better operation

Tip not included.

CALIBRATION SERVICES

We provide calibration and/or certification for a fee.

Excellent Heat Recovery (PAT.)

There is almost no temperature fluctuation during continuous operation. Good for lead-free soldering.

Fastest in Its Class

Reaches set temperature in just 6 seconds after turning power on.

Tip Replacement without Tools (PAT.)

Slide-change tip. Easy to replace a hot tip without any other tools.

Reduced Grip Heat (PAT.)

Patented thermal-insulation grip permits comfortable and safe work.

Thick Tip Coating for Lead-free Soldering

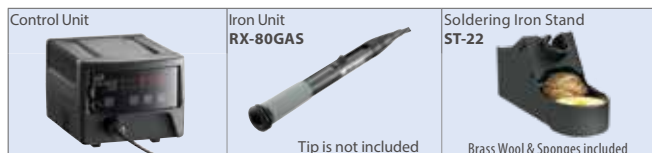
All tips have extra-thick iron plating, to resist erosion by lead-free solder.

HOW TO CHANGE TIPS

Slide the lever in the direction of the arrow. The tip will come out. Hold and pull the plastic housing of the tip.



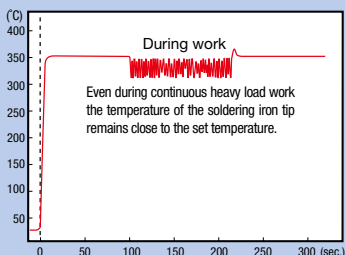
INCLUDED



PRODUCT SPECIFICATIONS / FUNCTIONS

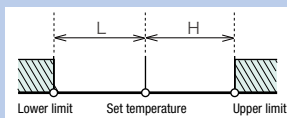
TIP-TEMPERATURE RECOVERY FEATURES

The tip temperature remains close to set temperature even during heavy load work.



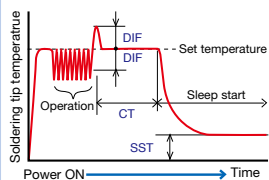
HIGH/LOW TEMPERATURE ALARM

An alarm sounds when the temperature goes above or below temperature settings. High/low setting range 3-100°C.



INTELLIGENT SLEEP FUNCTION (PAT.)

Automatically lowers the temperature when the iron is not in use, during a preset period of time. Prevents tip oxidation and excess heating. Can be used with Shutdown function.

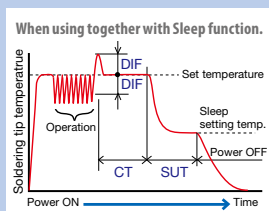
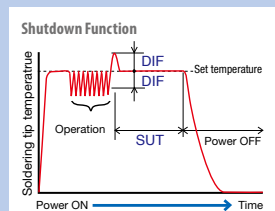


SLEEP FUNCTION RELEASE (PAT.)

Sleep mode can be exited (at any time) by touching a wet sponge with the tip to cause temperature fluctuation. (Effective when temperature is set above 100°C)

MODE: Sleep function ON/OFF
CT: Sleep start time
SST: Sleep set temperature
DIF: Sleep sensitivity
 Each parameter can be set.

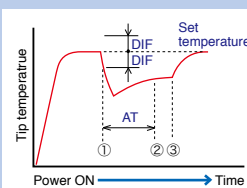
SHUTDOWN FUNCTION



When the unit is not used during the preset time, the unit automatically shuts down. Great when you forget to turn the power off.

SOLDERING ALARM FUNCTION (PAT.)

- (1) Soldering time countdown (AT) starts when the tip is applied to the component. (The tip temperature goes outside DIF)
- (2) The alarm sounds after the preset countdown. (The display flashes twice)
- (3) Operator takes the tip off the component.



KEY LOCK (PAT.)

Lock with password. No tools or card necessary.

CALIBRATION (PAT.)

The calibration function digitally offsets the difference between the tip temperature and the temperature shown by a tip thermometer being used.

NEW ERGONOMIC GRIP (PAT.)

Prevents fatigue. Flexible cord, and a shorter distance from the handpiece to the tip.

SPECIFICATIONS

Model	RX-802AS
Voltage	110 V, 120 V, 220 V, 230 V, 240 V AC 50/ 60 Hz
Power Consumption	80 W
Power Cord Length	1.2 m inlet type
Temperature Setting Range	50–450°C
Ripple temperature	±5°C (unloaded)
Insulation Resistance	Over 100 MΩ (500 V DC)
Applicable Iron Units	80 W Standard Iron Unit RX-80GAS (included) Micro-Iron Unit RX-81GAS (sold separately) Soldering Tweezers Unit XST-80G (sold separately)
Accessories	Iron Unit (RX-80GAS) Soldering Iron Stand (ST-22)

Control Unit

Output Voltage	24 V AC
Dimensions	115 (W) × 98 (H) × 146 (D) mm
Weight	1.8 kg

Iron Unit

Model	RX-80GAS
Iron Unit	80 W Standard Iron Unit RX-80GAS
Voltage/Consumption	24 V AC / 72 W
Ground Resistance	Less than 2 Ω
Leak Voltage	Less than 2 mV
Heater	Nichrome heater
Cord Length	1.2 m
Length	158 mm (with RX-80HRT-BM)
Weight	28 g (with RX-80HRT-BM)

Equivalent to IPC/EIA J-STD-001C

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

For replacement tips, refer to p. 28

For Soldering Tweezers XST-80G, refer to p. 56

REPLACEMENT PARTS / OPTIONS

RX-802AS Iron Unit
RX-80GAS



RX-812AS Iron Unit
RX-81GAS



Soldering Iron Stand Sponge
ST-53SP



Soldering Iron Stand Cleaner
ST-40BW



Flux Guard Rubber
RX-80P



Accessories HANDPIECE GRIP RUBBER (Anti-static)

For quick identification of soldering tasks or types.

RX-80RB : gray

RX-80RB-GR : green

RX-80RB-BK : black

RX-80RB-OR : orange



Applicable Iron Unit : RX-80GAS / RX-85GAS / RX-81GAS