

LEAD-FREE TEMPERATURE-CONTROLLED SOLDERING 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.

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

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.



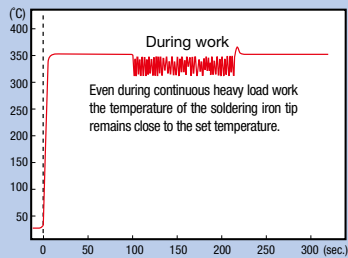
INCLUDED

<p>Station Unit</p> 	<p>Soldering Iron RX-80GAS</p>  <p>Tip is not included</p>	<p>Soldering Iron Stands ST-21</p>  <p>Brass Wool & Sponges included</p>
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PRODUCT SPECIFICATIONS / FUNCTIONS

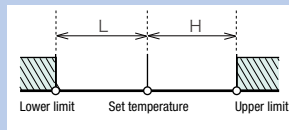
TIP-TEMPERATURE RECOVERY FEATURES

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



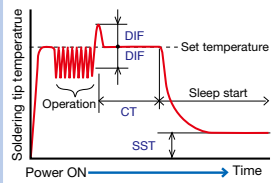
HIGH/LOW TEMPERATURE ALARM

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.

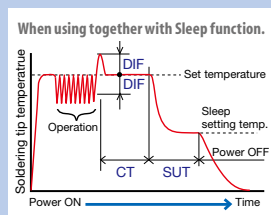
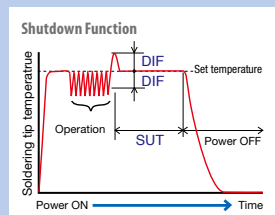


SLEEP FUNCTION RELEASE (PAT.)

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.

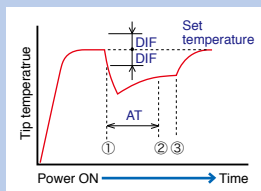
SHUTDOWN FUNCTION



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	110V,120V,130V,220V,230V,240V AC 50/60Hz
Power Consumption	80W
Power Cord Length	1.2m
Temperature Setting Range	50-450°C
Ripple temperature	±5°C (unloaded)
Insulation Resistance	Over 100MΩ (500V DC)
Accessories	Soldering Iron Stand (ST-21)

Control Unit

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

Soldering Unit

Voltage/Consumption	24V AC / 72W
Ground Resistance	Less than 2Ω
Leak Voltage	Less than 2mV
Heater	Nichrome heater
Cord Length	1.2m
Length	158mm (with RX-80HRT-BM)
Weight	28g (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.20

CALIBRATION SERVICES

We provide calibration and/or certification for a fee.

REPLACEMENT PARTS / OPTIONS

Soldering Iron RX-80GAS	Soldering Iron Stand Sponge ST-53SP	Soldering Iron Stand Cleaner ST-40BW	Flux Guard Rubber RX-80P
 Tip is not included		 (2pcs./set)	

Accessories HANDPIECE GRIP RUBBER (Anti-static)

For quick identification of soldering tasks or types.

RX-80RB : gray
RX-80RB-BK : black
RX-80RB-GR : green
RX-80RB-OR : orange



with RX-80P

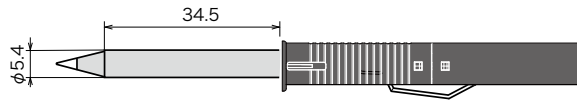


with RX-80RB

LEAD-FREE TEMPERATURE-CONTROLLED SOLDERING STATIONS

RX-80HRT Series / Applicable Model (Grip)

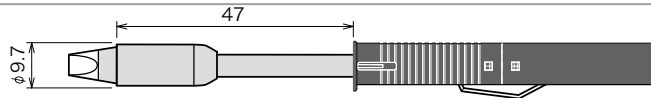
RX-802AS (RX-80GAS), **RX-852AS** (RX-85GAS)
RX-822AS (RX-80GAS and RX-85GAS)



RX-80HRT-B	RX-80HRT-2B	RX-80HRT-SB	RX-80HRT-LB	RX-80HRT-LBJ
RX-80HRT-BM	RX-80HRT-1BC	RX-80HRT-2.3BC	RX-80HRT-3BC	RX-80HRT-0.5C
RX-80HRT-1C	RX-80HRT-2C	RX-80HRT-2CD	RX-80HRT-3C	RX-80HRT-3CD
RX-80HRT-4C	RX-80HRT-4.7C	RX-80HRT-0.8D	RX-80HRT-1.2D	RX-80HRT-1.6D
RX-80HRT-2.4D	RX-80HRT-3.2D	RX-80HRT-5.4D	RX-80HRT-3K	RX-80HRT-4.5K
RX-80HRT-4.5KH	RX-80HRT-5.5K			

RX-85HRT Series / Applicable Model (Grip)

RX-852AS (RX-85GAS), **RX-822AS** (RX-85GAS)



RX-85HRT-B	RX-85HRT-2BC	RX-85HRT-3BC	RX-85HRT-5BC	RX-85HRT-7BC
RX-85HRT-3D	RX-85HRT-5D	RX-85HRT-7D	RX-85HRT-6K	