

SOLDERING IRONS [LEAD-FREE TEMPERATURE-CONTROLLED STATIONS]

Phenomenal heat recovery with 150 W compact high-output heater.



TEMPERATURE-CONTROLLED LEAD-FREE SOLDERING STATION RX-852AS



Tip not included.

New Soldering Iron Stand
More stable, better operation

CALIBRATION SERVICES
We provide calibration and/or certification for a fee.

Excellent Heat Recovery (PAT.)



Up to 22 mm² copper wire can be soldered.

Excellent heat recovery has been achieved by combining a 150 W compact high-output heater with a high-sensitivity sensor.

Thick Tip Coating for Lead-free Soldering

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

RX-80HRT Tips also Available

More than 40 tips are available, including the RX-80HRT tips.



Slim tips now added to line-up.

Fastest in Its Class

Reaches 350°C in only 14 seconds. (Only 6 seconds when using RX-80HRT tips.)

Light and Compact Handpiece

Same size as the RX-80GAS.

Tip Replacement without Tools (PAT.)

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

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.



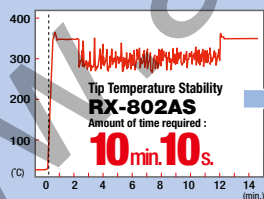
INCLUDED



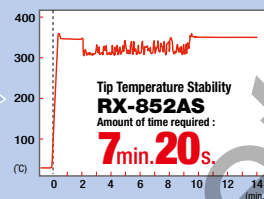
PRODUCT SPECIFICATIONS / FUNCTIONS

TIP-TEMPERATURE RECOVERY FEATURES

Soldering efficiency increased by 39%!



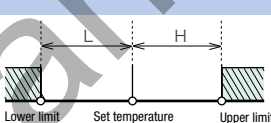
A generous amount of lead-free solder on a land of 20 mm dia. dissolving 35 points in succession at 350°C.



Shortens soldering time significantly, and the tip temperature is more stable.

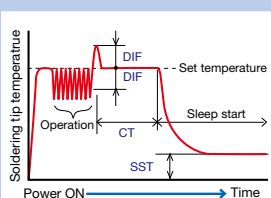
HIGH/LOW TEMPERATURE ALARM

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.

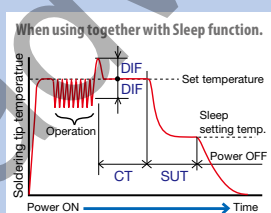
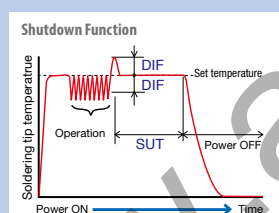


SLEEP FUNCTION RELEASE (PAT.)

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.

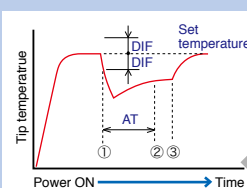
SHUTDOWN FUNCTION



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-852AS
Voltage	110-120 V, 220-240 V AC 50/ 60 Hz
Power Consumption	145-170 W
Power Cord Length	1.5 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	150 W High-heat-capacity Iron Unit RX-85GAS (included) 80 W Standard Iron Unit RX-80GAS (sold separately) Micro-Iron Unit RX-81GAS (sold separately) Soldering Tweezers Unit XST-80G (sold separately)
Accessories	Iron Unit (RX-85GAS) Soldering Iron Stand (ST-22)

Control Unit

Output Voltage	24 V AC
Dimensions	116 (W) × 105 (H) × 194 (D) mm
Weight	4.8 kg

Iron Unit

Model	RX-85GAS
Iron Unit	150 W High-heat-capacity Iron Unit
Voltage/Consumption	24 V AC / 150 W
Ground Resistance	Less than 2 Ω
Leak Voltage	Less than 2 mV
Heater	Nichrome heater
Cord Length	1.5 m
Length	174 mm (with RX-85HRT-5D)
Weight	39 g (with RX-85HRT-5D)

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 & p. 29

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

REPLACEMENT PARTS / OPTIONS

RX-852AS Iron Unit
RX-85GAS



Tip is not included

RX-802AS Iron Unit
RX-80GAS



Tip is not included

RX-812AS Iron Unit
RX-81GAS



Tip is not included

Soldering Iron Stand Sponge
ST-53SP



Soldering Iron Stand Cleaner
ST-40BW



(2pcs/set)

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



with RX-80P



with RX-80RB