

SOLDERING IRONS [LEAD-FREE TEMPERATURE-CONTROLLED STATIONS]

2 soldering irons can be used.



TEMPERATURE-CONTROLLED, LEAD-FREE,
DUAL-PORT SOLDERING STATION

RX-822AS



New Soldering Iron Stand
More stable, better operation

Tips not included.

CALIBRATION SERVICES

We provide calibration and/or certification for a fee.

2 Soldering Irons can Be Used

Can be prepared with 2 soldering irons. Allows different types of work [such as micro soldering / high power work (150 W)] at the same time. **Two RX-85GAS (150 W) irons cannot be used together.**



Individual Temperature Setting

Independent displays make settings clear.



Enables Reworking of Chip Parts

Allows you to rework chip parts using 2 tips at a time.

Advanced Functions (PAT.)

Equipped with intelligent functions (sleep, sleep release, shut-down and Key lock) based on the **RX-802AS**.

Easy-to-Use Handpiece (PAT.)

Easy to replace a hot tip without any other tools. Good for long hours of work with light, well-insulated structure.

Wide Variety of Tips

More than 40 tips are available.

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.

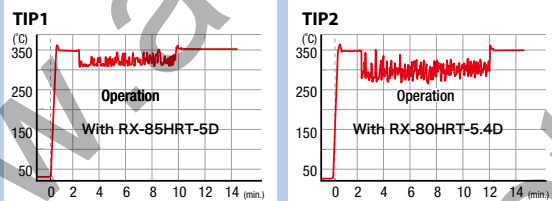


INCLUDED

Control Unit 	Iron Unit 1 RX-85GAS Tip is not included	Iron Unit 2 RX-80GAS Tip is not included	Soldering Iron Stands ST-22 Brass Wool & Sponges included
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PRODUCT SPECIFICATIONS / FUNCTIONS

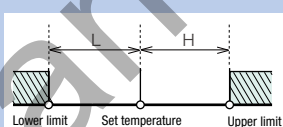
TIP-TEMPERATURE RECOVERY FEATURES



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

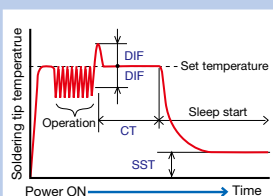
HIGH/LOW TEMPERATURE ALARM

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.

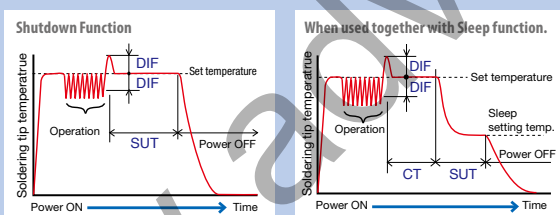


SLEEP FUNCTION RELEASE (PAT.)

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.

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-822AS
Voltage	110-120 V, 220-240 V AC 50/ 60 Hz
Power Consumption	220-260 W
Power Cord Length	1.5 m inlet type
Temperature Setting Range	50-450°C
Insulation Resistance	Over 100 MΩ (500 V DC)
Ripple temperature	± 5°C (unloaded)
Applicable Iron Units	150 W High-heat-capacity Iron Unit RX-85GAS (included) 80 W Standard Iron Unit RX-80GAS (included) Micro-Iron Unit RX-81GAS (sold separately) Soldering Tweezers Unit XST-80G (sold separately) Iron Unit (RX-85GAS , RX-80GAS)
Accessories	Soldering Iron Stand (ST-22) × 2

*Two **RX-85GAS** (150 W) irons cannot be used together.

Control Unit

Output Voltage	24 V AC
Dimensions	116 (W) × 105 (H) × 194 (D) mm
Weight	4.9 kg

Iron Unit

Model	RX-80GAS	RX-85GAS
Iron Unit	80 W Standard Iron Unit	150 W High-heat-capacity Iron Unit
Voltage/Consumption	24 V AC / 72W	24 V AC / 72 W-150 W
Ground Resistance	Less than 2 Ω	
Leak Voltage	Less than 2 mV	
Heater	Nichrome heater	
Cord Length	1.2 m	1.5 m
Length	158 mm (with RX-80HRT-B)	174 mm (with RX-85HRT-5D)
Weight	28 g (with RX-80HRT-B)	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**