

# SURFACE-MOUNT / SMT PRODUCTS

Speedy and accurate reworking of chip parts.

## SOLDERING TWEEZERS (Control Unit, Soldering Tweezers Unit) XST-80



**MULTIFUNCTION TWEEZERS UNIT**  
Calibration, Sleep, Keylock, etc..

**TIP REPLACEMENT WITHOUT TOOLS**  
Easy to replace a hot tip without any other tools.

**GRIP WITH INTEGRATED TIP**  
Allows less deviation of both tips.

**ERGONOMIC GRIP DESIGN**  
Prevents fatigue

\* The station unit for the XST-80 is our Lead-Free Soldering Station RX-802AS.



Tip (Tip cartridge) not included

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



### Multifunction soldering tweezers unit

Equipped with intelligent function [Calibration (PAT.), Sleep function (PAT.), Keylock function (PAT.)]. RX-822AS can use both soldering unit and tweezers simultaneously.

### Ergonomic grip design

Stroke adjustment for handling various sizes of parts. (PAT.P)

### Grip with integrated tip

High-accuracy design with minimum tip deviation. Easy replacement of hot tips without any other tools.



Soldering tweezers stand ST-28

### REPLACEMENT PARTS / OPTIONS

Soldering Tweezers Unit  
**XST-80G**

Soldering Iron Stand Sponge  
**ST-53SP**

Soldering Iron Stand Cleaner  
**ST-40BW**

Soldering Tweezers Stand  
**ST-28**



### SPECIFICATIONS

Model	XST-80 (Control Unit, Tweezers Unit Grip)
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
Temperature Setting Range	50–450°C
Ripple temperature	±5°C (unloaded)
Insulation Resistance	Over 100 MΩ (500 V DC)
Applicable Iron Unit	80W standard iron unit, RX-80GAS (Sold separately)
	36W micro-soldering applicable iron unit, RX-81GAS (Sold separately)
Accessories	Soldering tweezers unit, XST-80G (included)

### Control Unit

Output Voltage	24 V AC
Dimensions	115 (W) x 98 (H) x 146 (D) mm
Weight	1.8 kg (w/o cord)

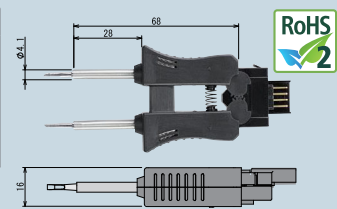
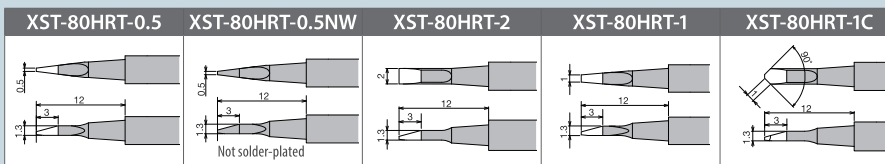
### Soldering Tweezers Unit

Voltage/Consumption	24 V AC / 72 W
Heater	Nichrome heater
Ground Resistance	2 Ω or less
Leak Voltage	Less than 2mV
Cord Length	1.2 m
Length	120 mm ( w/o cord bushing, with tip cartridge)
Weight	48 g ( w/o cord, with tip cartridge)

Equivalent to IPC/EIA J-STD-001C

### REPLACEMENT PARTS / OPTIONS

Tips/heaters not sold apart from cartridges.



### SOLDERING TWEEZERS UNIT (Tweezers unit grip only)

## XST-80G

Tip (Tip cartridge) not included



Soldering Tweezers Stand  
**ST-28**  
Front Opening of the Tip Cartridge  
**ST-28MS**

### For use with RX-822AS/852AS/802AS/812AS.

Calibration (PAT.), Sleep function (PAT.), Keylock function (PAT.) are available.

RX-822AS can use both soldering unit and tweezers simultaneously.

When you use the soldering iron stand ST-21, 22 or ST-27 with XST-80G, please remove its front opening, and replace with the front opening ST-28MS for the tip cartridge (sold separately).



### APPLICABLE MODELS - SAMPLE CONFIGURATION

2 soldering irons can be used.



TEMPERATURE-CONTROLLED  
LEAD-FREE SOLDERING STATION

**RX-802AS/RX-812AS** p.20

TEMPERATURE-CONTROLLED  
LEAD-FREE SOLDERING STATION

**RX-852AS** p.16

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

**RX-822AS** p.22