

DESOLDERING PRODUCTS

DESOLDERING PRODUCTS

SERVICE STATION

AUTOMATIC DESOLDERING STATION

PORTABLE DESOLDERING GUNS

DESOLDERING WICKS

DESOLDERING SUCKERS



Omnifunctional machine for soldering, desoldering and reworking.

SERVICE STATION

SVS-800AS

REWORK UNIT

The temperature can be set to max 550°C.

SOLDERING UNIT

Good for a wide range of soldering work with 70 W heater.

DESOLDERING UNIT

Instant desoldering with open-valve mechanism. (Please refer to the next page.)

INDIVIDUAL POWER SWITCHES

Along with the main power switch, there are switches for soldering, desoldering, and reworking.

INDEPENDENT PUMPS

Desoldering and reworking operate simultaneously

400% MORE SUCTION CAPACITY

With open-valve mechanism

CERAMIC HEATER WITH INTERNAL SENSOR

A wide range for terminals, connectors and flat ICs (soldering & desoldering)

SUPERIOR TEMPERATURE-CONTROL CIRCUIT

To keep the temperature constant during desoldering

ZERO VOLT SWITCH CIRCUIT

Reduces noise during heater ON/OFF

REPLACEABLE CARTRIDGE FILTER

Makes changing the filter easy



Nozzles sold separately.

RoHS **ANTI STATIC** **LEAD FREE**

Desoldering in an instant, with reduced solder residue! Combines desoldering gun and temperature-controlled soldering iron in one unit.

SERVICE STATION

SVS-580AS



400% MORE SUCTION CAPACITY
With open-valve mechanism

CERAMIC HEATER WITH INTERNAL SENSOR
A wide range for terminals, connectors and flat ICs

SUPERIOR TEMPERATURE-CONTROL CIRCUIT
To keep the temperature constant during desoldering

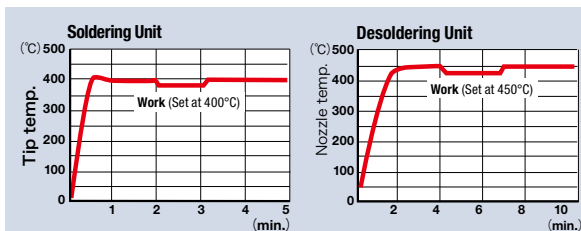
ZERO VOLT SWITCH CIRCUIT
Reduces noise during heater ON/OFF

REPLACEABLE CARTRIDGE FILTER
Makes changing the filter easy

RoHS **ANTI STATIC** **LEAD FREE**

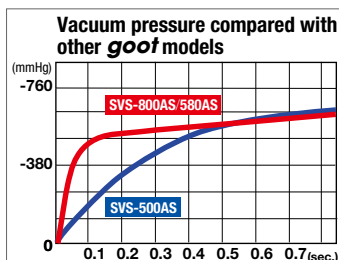
PRODUCT SPECIFICATIONS / FUNCTIONS

TIP/NOZZLE TEMPERATURE-RECOVERY FEATURES



Solder melted consecutively on 5 mm-dia land. Approx. 2 s / land.
(with **PX-2RT-B** tip, **TP-100N-10** nozzle)

The open-valve allows the device to reach vacuum pressure of -0.06MP (approx. -450 mmHg) in only 0.1second. (about 4 times faster than our **SVS-500AS**).



SUCTION CAPACITY COMPARISON

The arrow indicates solder residue.



OPEN-VALVE MECHANISM

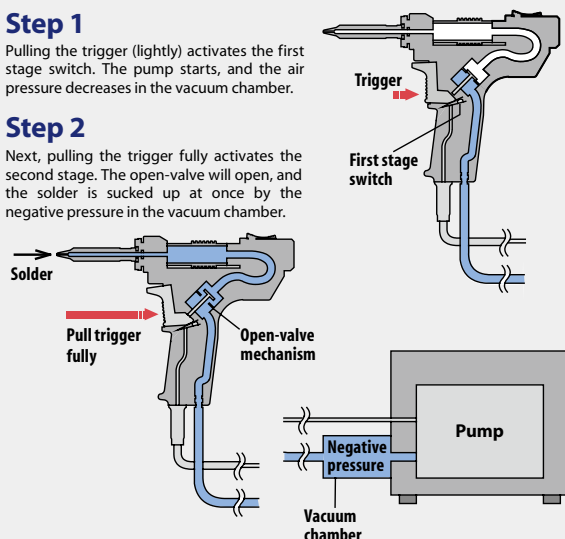
Two-stage trigger switch (PAT.P)

Step 1

Pulling the trigger (lightly) activates the first stage switch. The pump starts, and the air pressure decreases in the vacuum chamber.

Step 2

Next, pulling the trigger fully activates the second stage. The open-valve will open, and the solder is sucked up at once by the negative pressure in the vacuum chamber.



SPECIFICATIONS

MODEL	SVS-800AS	SVS-580AS
Voltage	220-240 V AC 50/ 60 Hz	110 V,120 V, 220-240 V AC 50/ 60 Hz
Power Consumption	670-760 W	200 W (110 V,120 V) 270-300 W (220-240 V)
Power Cord Length	1.5 m Inlet type	1.5 m
Temp. Range	Desoldering Unit: 250-450°C Soldering Unit: 200-480°C Rework: 150-550°C	250-450°C 200-480°C
Insulation Resistance	Over 10 MΩ (500 V DC)	Over 100 MΩ (500 V DC)
Vacuum Pump System	Diaphragm system	Diaphragm system
Vacuum	- 0.08 MPa (-600 mmHg)	- 0.08 MPa (-600 mmHg)
Air Flow	5-25L /min	-
Accessories	Cleaning pin TP-100CP-13/	Soldering iron stand ST-76
Total Weight	9.3 kg	4.0 kg

CONTROL BOX

Output Voltage	220-240 V AC	110 V,120 V, 220-240 V AC
Dimensions	405 (W) × 240 (H) × 235 (D) mm	205 (W) × 170 (H) × 160 (D) mm
Weight	8.4 kg (w/o cord, hose)	3.6 kg (w/o cord, hose)

DESOLDERING UNIT

Input Voltage	220-240 V AC	110 V,120 V, 220-240 V AC
Power Consumption	85 W	85 W
Heater	Ceramaic Heater	Ceramaic Heater
Cord Length	1.2 m	1.2 m
Dimensions	220 x 155 mm	220 x 155 mm
Weight	250 g (w/o cord, hose)	250 g (w/o cord, hose)
Standard Nozzle	TP-100N-S5	TP-100N-S5

SOLDERING UNIT

Input Voltage	220-240 V AC	110 V,120 V, 220-240 V AC
Power Consumption	70 W	70 W
Ground Resistance	Less than 2 Ω	Less than 2 Ω
Leak Voltage	Under 2 mV	Under 2mV
Heater	Ceramic heater	Ceramic heater
Cord Length	1.2 m	1.2 m
Length	190 mm (with PX-2RT-B)	190 mm (with PX-2RT-B)
Weight	70 g (with PX-2RT-B)	70 g (with PX-2RT-B)
Standard Tip	PX-2RT-B	PX-2RT-B

REWORK UNIT

Input Voltage	220-240 V AC	-
Power Consumption	370-430 W	-
Heater	Nichrome Heater	-
Hose length between Handpiece and Control Unit	1 m	-
Length	220 mm (w/o cord)	-
Weight	180 g (w/o nozzle, cord)	-

This machine does not have vacuum pickup function.

For replacement tips, nozzles, and optional parts, refer to **p.54** & **p. 63**



ST-76
soldering iron stand
(included)