

# DESOLDERING

- Service Stations **SVS-500/500AS**
- Desoldering Stations **TP-200/210 SERIES**
- Portable Type Desoldering Guns **TP-100/100 AS**
- Desoldering Wicks **CP SERIES**
- Desoldering Pumps **GS SERIES**

## SERVICE STATIONS

COMBINED TEMPERATURE CONTROLLED  
SOLDERING UNIT AND DESOLDERING UNIT

## SVS-500/500AS Series

ANTI STATIC  
AS SERIES

CERAMIC  
HEATER

TEMPERATURE  
CONTROL



SVS-500AS (Anti-static model) ST-76 Soldering Iron Stand is included.

Service station combining a desoldering unit and a temperature controlled soldering unit all in one.

### SOLDERING UNIT

●During soldering the temperature remains stable. ●This unit allows a wide range of soldering to be done from terminals and connectors to flat ICs.

### DESOLDERING UNIT

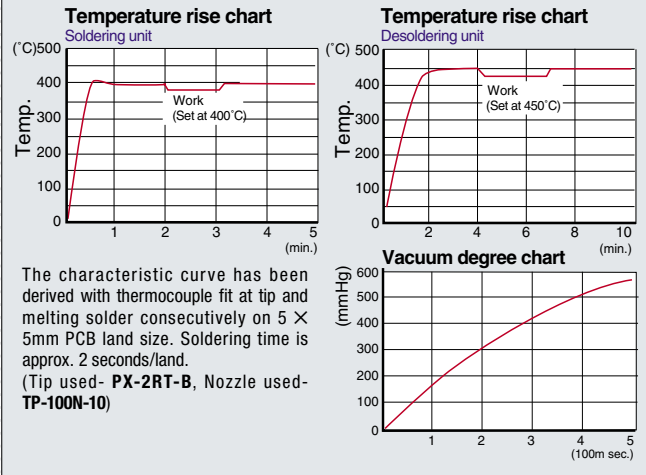
●Built-in powerful and compact twin pump.  
●When the trigger is pulled, the heater is ON to boost temperature in order to compensate for reducing nozzle temperature during soldering. After the trigger is released, the vacuum pump continues operating automatically for approximately 0.5 seconds reducing the chance of solder jamming in the nozzle.



Desoldering Unit

MODEL	SVS-500	SVS-500AS
Voltage	110-130V, 220-240V AC 50/60Hz	
Power Consumption	195W (110-130V), 270-300W (220-240V)	
Temp. Setting Range	Desoldering Unit Soldering Unit	250-450°C 200-480°C
Temp. Control System	Sensor feed-back(ON-OFF control)	
Insulation Resistance (500V DC)	Over 100MΩ	
Vacuum Pump System	Diaphragm system (Twin pump)	
Vacuum Degree Reached	-0.08MPa -600mmHg (representative value)	
Dimensions	Control Unit	205(W) × 160(L) × 170(H)mm
	Desoldering Unit	220 × 155mm (w/o cord bushing)
	Soldering Unit	190mm (w/o cord bushing)
Weight	Control Unit	3.6kg w/o vacuum hose & cord
	Desoldering Unit	300g (w/o cord)
	Soldering Unit	45g (w/o cord)
	Total Weight	Approx. 4.0kg
Ripple Temp. Without Load	±3°C	
Leak Voltage	Less than 0.1mV	
Ground Resistance	Less than 0.1Ω	
Connecting Cord/Hose Length	1.2m	
Power Cord Length	1.5m (3 core cable) ground plug	
Accessories	Cleaning pin: TP-100CP07/Soldering iron stand: ST-76	

## TIP/NOZZLE TEMPERATURE RECOVERY POWER



## Replacement Parts / Options

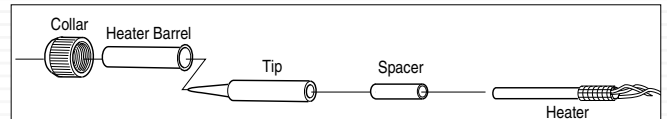
### Desoldering unit

- Heater TP-100/200H
- Heater Barrel TP-100/200HP
- Filter TP-100/200F
- Cartridge Set TP-100/200K
- Cleaning Pin Vice 900-000  
(Pin vice body. The drill bit is not included.)  
Drill Bit 0.7mm 0.9mm  
Drill Bit 1.4mm 2.4mm

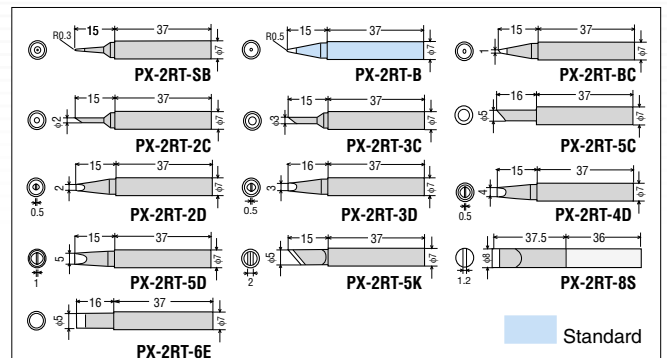
### Soldering unit

- Heater SVS-500H
- Heater Barrel TQ-77HP
- Spacer TQ-77SS
- Collar CXG-15NUT
- Cleaning Pin TP-100/200CP 0.7 (φ0.7mm)  
TP-100/200CP 1.3 (φ1.3mm)

## Soldering Unit Parts



## Replacement Tips



## Replacement Nozzles

