

DESOLDERING PRODUCTS

Perfect for desoldering through-hole and multi-layered PCBs.

AUTOMATIC DESOLDERING STATION TP-200AS

- Built-in powerful and compact twin pump.
- When trigger is pulled, the heater heats up forcibly, reducing temperature decrease.
- After trigger release, the pump operates for approx. 0.5 seconds more, reducing solder clogs.



RoHS ANTI STATIC

POWERFUL VACUUM

Everything from through-hole to multi-layered PCB

CERAMIC HEATER WITH INTERNAL SENSOR

A wide range for terminals, connectors and flat ICs

ZERO VOLT SWITCH CIRCUIT

Reduces noise during heater ON/OFF

REPLACEABLE CARTRIDGE FILTER

Makes changing the filter easy

ST-76 soldering iron stand (included)



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

Handy, portable Desoldering Gun with combined temperature-control circuit and desoldering mechanism

PORTABLE DESOLDERING GUNS TP-100/ 100AS

RoHS ANTI STATIC TP-100AS

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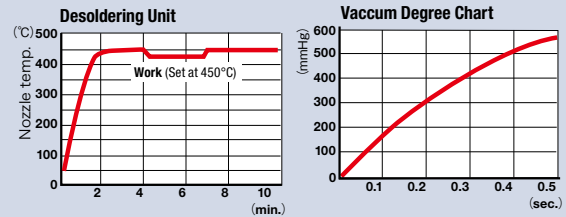
- Compact design with an internal motor, pump, and temperature-control circuit built into the grip. Portable and efficient.
- Maximum vacuum of -0.08MPa (-600 mmHg). Removes through-hole solder easily.
- Sensor feedback system allows temperature setting from 250-450°C.
- Makes changing the filter easy.

SPECIFICATIONS

MODEL	TP-100	TP-100AS
Voltage	110-130 V, 220-240 V AC 50/ 60 Hz	
Power Consumption	80 W (110-130 V), 70-75 W (220-240 V)	
Power Cord Length	1.5 m	
Temperature Setting Range	250-450°C	
Insulation Resistance	Over 100 MΩ (500 V DC)	
Vacuum Pump System	Diaphragm system	
Vacuum	- 0.08 MPa (-600 mmHg)	
Heater	Ceramic Heater	
Standard Nozzle	TP-100N-10	
Accessories	Cleaning pin TP-100CP-07/ Filter TP-100F	
	Carry case	
	Heat resistant pipe /Stand	
Dimensions	225 × 170 mm	
Weight	470 g (w/o cord)	

NOZZLE TEMPERATURE-RECOVERY FEATURES

Solder melted consecutively on 5 mm-dia land. Approx. 2 s / land. (with TP-100N-10 nozzle)



SPECIFICATIONS

MODEL	TP-200AS
Voltage	110 V,120-130 V, 220-240 V AC 50/ 60 Hz
Power Consumption	130 W (110 V,120-130 V) 170-200 W (220-240 V)
Power Cord Length	1.5 m
Temperature Setting Range	250-450°C
Insulation Resistance	Over 100 MΩ (500 V DC)
Vacuum Pump System	Diaphragm system
Vacuum	- 0.08 MPa (-600 mmHg)
Accessories	Cleaning pin TP-100CP-07 Soldering iron stand ST-76
Weight	Approx. 2.9 kg (w/o cord, hose)

CONTROL BOX

Output Voltage	110 V,120-130 V, 220-240 V AC
Dimensions	95 (W) x 205 (H) x 256 (D) mm
Weight	2.6kg (w/o cord, hose)

DESOLDERING UNIT

Input Voltage/Power Consumption	110-130 V, 220-240 V AC / 85 W
Heater	Ceramic Heater
Cord Length	1.2 m
Dimensions	220 × 155 mm
Weight	250 g (w/o cord, hose)
Standard Nozzle	TP-100N-10



Can be set from 250-450°C.

Carry case with heat resistant pipe that allows the gun to be stored immediately after use. Also includes stand to rest the gun.

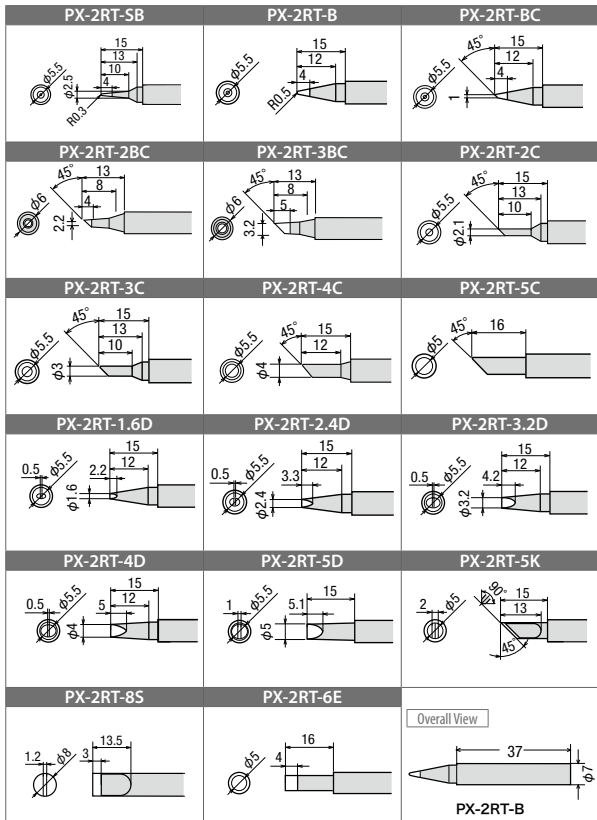
Carry case included.

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

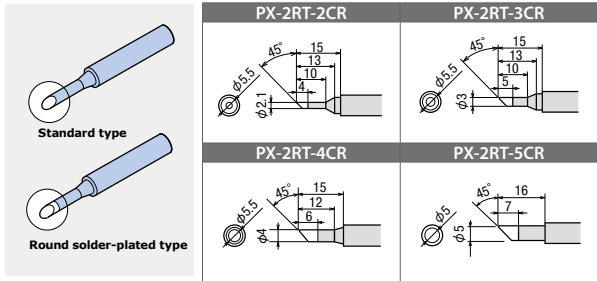
REPLACEMENT TIPS

SVS-800AS/580AS/500AS

RoHS



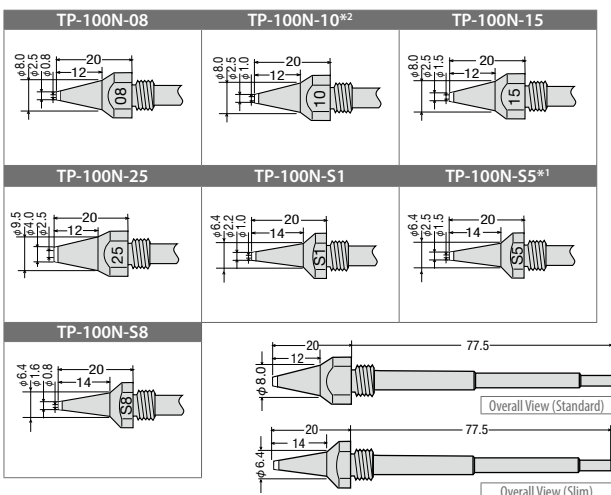
ROUND SOLDER-PLATED TIP



REPLACEMENT NOZZLES

SVS-800AS/580AS/500AS/TP-280AS/TP-200AS/TP-100(AS)

RoHS



*1 Model SVS-800AS, SVS-580AS, TP-280AS Standard Nozzle: TP-100N-S5

*2 Model SVS-500AS, TP-200AS, TP-100(AS) Standard Nozzle: TP-100N-10

REPLACEMENT PARTS / OPTIONS

REPLACEMENT PARTS FOR SVS-800AS/580AS/500AS

*Desoldering Unit for SVS-800AS/SVS-580AS	Iron Unit (common for SVS series)
TP-28GAS	SVS-50GAS
Desoldering Unit for SVS-500AS	Heater for Soldering Iron
TP-20GAS	SVS-500H-1
Heater for Desoldering Gun	Heater Barrel for Soldering Iron
TP-100H	TQ-77HP(S)
Heater Barrel for Desoldering Gun	Spacer for Soldering Iron
TP-100HP	TQ-77SS
	Collar for Soldering Iron
	TQ-77NUT

*TP-28GAS Desoldering Unit is not interchangeable with TP-20GAS (SVS-500, SVS-500AS, SVS-550AS)

REPLACEMENT PARTS FOR TP-280AS/200AS

*Desoldering Unit for TP-280AS	Desoldering Unit for TP-200AS
TP-28GAS	TP-20GAS
Heater	Heater Barrel
TP-100H	TP-100HP

*TP-28GAS Desoldering Unit is not interchangeable with TP-20GAS (TP-200, TP-200AS, TP-250AS)

REPLACEMENT PARTS FOR TP-100/100AS

Heater	Heater Barrel
TP-100H	TP-100HP

COMMON PARTS

Filter

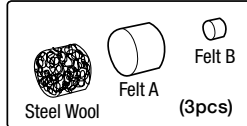
Filter Set (3pcs)	Steel Wool Only (3pcs)
TP-100F	TP-100UL
Cartridge Set	Felt B (10pcs)
TP-100K	TP-100RFT
Felt Set (3pcs)	
TP-100FT	

Cleaning Pin Vice

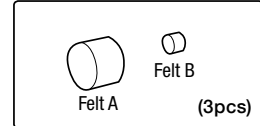
Pin vice body (The drill bit is not included.)	
TP-100PV	
Drill Bit 0.7 mm	0.7 mm (for 0.8 & 1.0 mm nozzle)
TP-100DB-07	TP-100CP-07
Drill Bit 0.9 mm	0.9 mm (for 1.5 & 2.5 mm nozzle)
TP-100DB-09	TP-100CP-13
Drill Bit 1.4 mm	
TP-100DB-14	
Drill Bit 2.4 mm	
TP-100DB-24	

Cleaning Pin

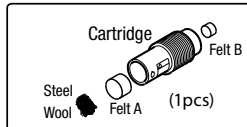
Filter Set TP-100F



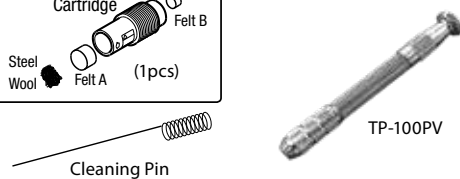
Felt Set TP-100FT



Cartridge Set TP-100K



Cleaning Pin Vice



Iron Unit SVS-800AS, SVS-580AS, SVS-500AS

