

TOP-450·452·453 DESOLDERING MACHINE LOW VOLTAGE 24V DIGITAL DISPLY



NEW

HIGH POWER 80W

RESPONSE TO Pb free solder

HEATER TURBO

ESD

DIGITAL TYPE

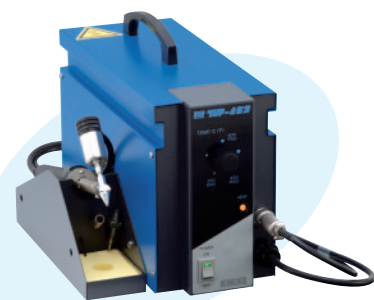
For thermo control...TOP-450

CHOSEN DESOLDER FOR EVERY ENGINEER



DIAL TYPE

LOW COST, good performance...TOP-452



DIAL TYPE

Air type...TOP-453

TOP-450·452·453

- NO SOLDER CLOG
- ONE-TOUCH CLEANING
- BIG POWER AND HEATER TURBO FUNCTION
- AC 24V, LOW VOLTAGE HEATER
- PID THERMO CONTROL
- MULTI SAFETY DESIGN AND MAINTENANCE

MECHANICAL COMPONENTS

1 NO SOLDER CLOG

The tip is made shorter than standard model. (60% length)
The tip pipe goes straight to a tank without joint part.
No air leaking and keeps suction maximum.

2 BIG POWER AND HEATER TURBO FUNCTION

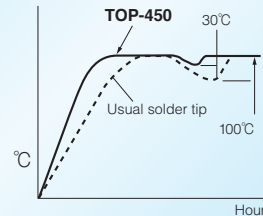
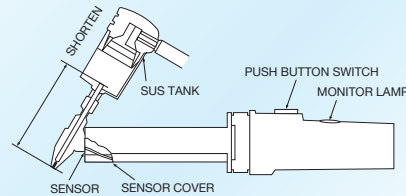
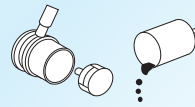
Big tip capacity, big heat capacity.
The heater is turned ON automatically when sucking to keep tip temperature continue for Pb free desoldering.

3 PID THERMO CONTROL

Built in CA sensor in the solder tip.
The solder tip temperature is controlled with high response feed back zero cross SSR PID thermo controller to keep the solder tip temperature continue.

4 ONE - TOUCH CLEANING

Easy to clean up the solder tank and change the filter.
Just only remove a cap.
No solder sticking special stainless steel cartridge filter.



COMPARISON DATE
Temperature decrease during SUCTION
compared with conventional product

5 COMPARISON SOLDER TIP TEMPERATURE(Cooper plate 0.5t×100×100)

6 THERMO CONTROL For SUPPORT ISO 9000

Temperature feed back under load by building in CA sensor in the solder tip and digital display.

7 NOISELESS CONTROL VACUUM PUMP AND HIGH RESPONSE

Equipped a zero cross SSR control noiseless vacuum pump and high response vacuum generator (700mmHg)type Top-453.

8 24 VOLT A.C. LOW VOLTAGE HEATER

Equipped 80 watts ceramic, heater drives at 24 volt.
High isolate resistance makes good effect for high density LSI, etc. to protect from destruction of IC.

Specifications

Main unit	Model	TOP-450	TOP-452	TOP-453
Power		AC100V 50/60HZ 3P plug (115.230V)		
Dimension		114(W)×180(H)×280(D)mm		
Weight		approx. 6kg	approx. 5.5kg	approx. 4kg
Vacuum type		Diaphragm pump		Vacuum generator
Thermo control type		Sensor feed back PID control	Sensor feed back control	
Temp. Range		350~450°C	350~450°C	350~450°C
Temperature display		Digital	Dial	
Vacuum		600mmHg		Factory air 0.4~0.5MPa 700mmHg
Watts		approx. 130W		
Option (TOP-453)		Air regulator,Joint,Coupling		
Solder iron unit	Model	D-42	Option Tip	
Heater		CEL 24V80W	TIP No.	HOLE DIA METER
Thermocouple		CA-K type	41-08	φ0.8
Dimension / Weight		240(L)×30(W)×100(H)150g	41-10	φ1.0
Tip dia		φ1.0	41-12	φ1.2
Cord / Cable		ESD/1.2m	41-16	φ1.6
			42-08	φ0.8
			42-10	φ1.0
			42-07/04	φ0.4
				hole diameter outer diameter
Accessories	Iron stand,Cleaner,Cleaner Case, Cleaningpin, Hexagon wrench, Ceramic filter, Felt filter, Manual			