

TOP-375·375SP·375SPH

POINT SOLDERING MACHINE

RoHS COMPLIANCE

ESD SAFE

PB FREE

POINT SOLDERING MACHINE ● ONE-TOUCH NOZZLE LOCK LEVER

- TOP-375 SERIES POINT SOLDERING MACHINE FOR PB FREE
- HIGHER RELIABILITY: NO SOLDER LEAKAGE FROM SOLDER BATH
- ADVANCED POINT SOLDERING MACHINE
- “MORE USEFUL POINT SOLDER” DIGITAL CIRCUIT-FREE POWER SUPPLY



TOP-375
STANDARD TYPE



TOP-375SP
CONTROLLER SEPARATED & STANDARD TYPE



TOP-375SPH
CONTROLLER SEPARATED & HI TEMPERATURE TYPE

TOP-375·375SP·375SPH

- Rework in PB free solder. (For dipped parts)
- CPU digital circuit for temperature control-switching power supply.
- Safe and easy nozzle replacement (old nozzle also can be used)
- Solder-flow stand-by mode substantially reduces soldering tact time. (TOP-375·375SP)
- Free power supply (AC100, 115&230V) [easy voltage change on terminal board]
- Solder bath and heater are made from sus316. (corrode-resist)
- Original N2 SPRAY NOZZLE. (option)
- The large fender allows used of big nozzle. Simple and easy maintenance and cleaning.
- Separate type which resist high temperature. (TOP-375SPH)
- Possible to use for Pb-free and Pb solder in the same machine by exchanging solder bath unit.
(Unit exchange time: approx. 15 minutes)



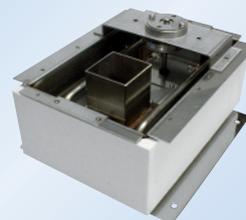
(PB-13100)

MORE SAFETY AND ADVANCE IN QUALITY

TOP-375·375SP·375SPH

- ① Accurate temperature controlled by CPU digital circuit.(±1℃)
- ② Flow time equipped TOP-375 become even safer when soldering.
- ③ Solder flow stand-by function shorten the tact time for higher efficiency. (TOP-375·375SP)
- ④ One-Touch nozzle lock lever assures safe and easy nozzle change.
- ⑤ Full area fender is equipped to reduce solder dispersion.
- ⑥ DC brushless motor to control flow level. Switching power supply.
- ⑦ Original N₂ spray nozzle and N₂ supply unit reduce oxide to 1/10. (OPTION)
- ⑧ Solder bath unit style is designed for easy replacement and maintenance.
- ⑨ Easy targeting with new laser pointing marker. (TOP-375/SP)

SOLDER BATH UNIT (FOR SPARE)



FLOW UNIT



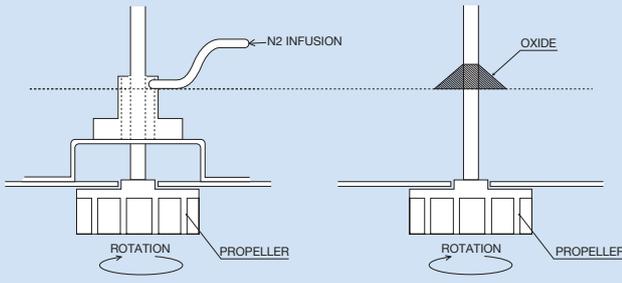
● SPECIFICATIONS

	TOP-375	TOP-375SP	TOP-375SPH
Power supply	AC100~230V 50/60 Hz (exchange voltages on terminal board.)		
Rating	970W		
Temperature setting	200~300℃	200~300℃	200~420℃
Thermo control type	CPU digital (℃/℉ exchangeable)		
Heater capacity	SUS316, 920W sheaths heater option: nitride coating		SUS316 + nitride coating 1200W sheaths heater
Material of solder bath	SUS316 option: nitride coating or titanium		titanium
Stand-by	flow up time, stand-by switch		
Monitor indicator	heater ON, READY (motor interlock), flow display		
Maximum P.C.B. dimension m/m	600×600		200×400
Dimensions m/m	280W×558D×180H	280W×400D×180H	280W×400D×210H
Solder bath dimension m/m	140W×215D×80H		
Controller dimension m/m	no separate	280W×150D×150H	
Weight	approx. 18kg (except solder)	approx. 15kg (except solder) / controller approx. 5kg	
Solder capacity	approx. 15kg		
Option	cooling fan, N ₂ NOZZLE, N ₂ supply unit, N ₂ generator		
Accessories	target unit, foot switch, spoon, belt, manual, grease		foot switch, spoon, belt, manual, grease

OPTION

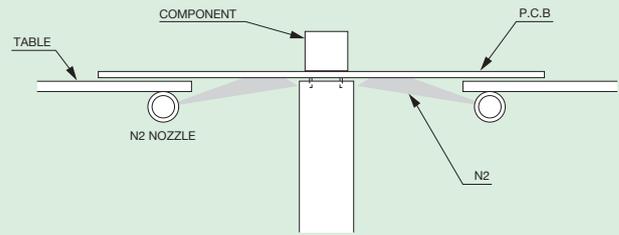
N2 SUPPLY UNIT

- ① Original N2 SUPPLY UNIT reduce oxide to 1/8~1/10.
- ② This is attachable to POINT SOLDERING MACHINE (TOP series) you use now.



N2 NOZZLE

- ① Original N2 NOZZLE spray N2 effectively against solder flow. Emitting hot N2 have a good effect for preheat.



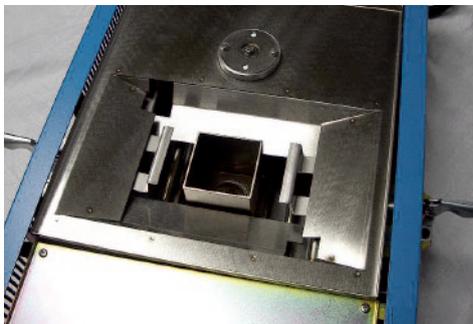
PB FREE

TOP-375/375SP/375SPH



PB-1080

ONE-TOUCH NOZZLE LOCK LEVER



PB OPTION NOZZLES



OPTION NOZZLE (PB TYPE)

MODEL	DIMENSIONS (OUTER)m/m	DIMENSIONS (INTER)m/m	APPLY PARTS
PB-16	13×25	11×23	DIP 14~16P
20	13×30	11×28	DIP 18~20P
28	21×40	19×38	DIP 24~28P
34	8×47	6×45	HEADER 34P
40	8×54	6×52	HEADER 40P
42	21×60	19×58	DIP 36~42P
50	8×67	6×65	HEADER 50P
60	60×60	58×58	TRANSFORMER, PCB
64	25×65	23×63	DIP 54~64P
100	20×100	18×98	CONNECTOR
1040	12×42	10×40	CONNECTOR
1050	12×52	10×50	CONNECTOR
1080	12×82	10×80	CONNECTOR
10100	12×102	10×100	CONNECTOR
10130	12×132	10×130	CONNECTOR
13100	15×102	13×100	CONNECTOR
13120	15×122	13×120	CONNECTOR
2525	27×27	25×25	PGA 64P
3030	32×32	30×30	PGA 72P
3535	37×37	35×35	PGA 80P
4040	42×42	40×40	PGA 88P

REMARK H=35 (STANDARD) We make big nozzle and customized nozzle. Maximum dimension: 70×100



TOP-338
24H TIMER(made to order)



TOP-358
WEEKLY TIMER(made to order)



COOLING FAN(74246)