

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)



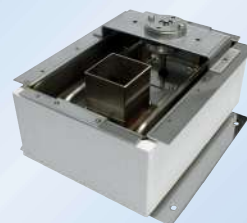
(PB-13100)

MORE SAFETY AND ADVANCE IN QUALITY

TOP-375·375SP·375SPH

- 1 Accurate temperature controlled by CPU digital circuit.($\pm 1^{\circ}\text{C}$)
- 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

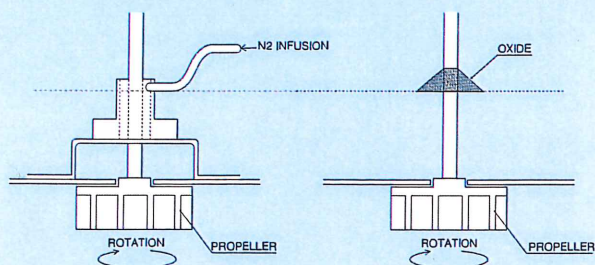


SPECIFICATIONS

	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, N2 NOZZLE, N2 supply unit, N2 generator		
Accessories	target unit, foot switch, spoon, belt, manual, grease		foot switch, spoon, belt, manual, grease

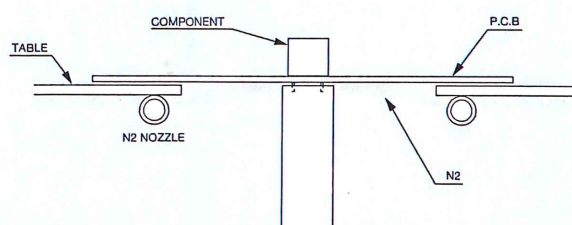
N₂ SUPPLY UNIT

- 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.



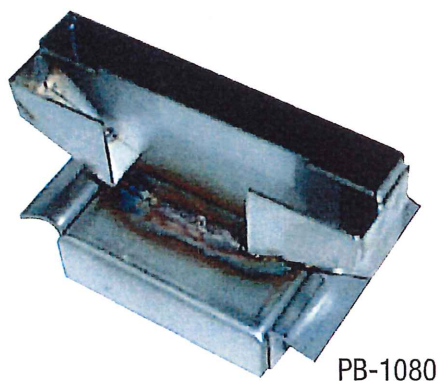
N₂ NOZZLE

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



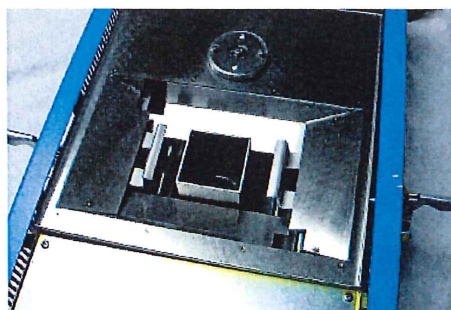
PB FREE

TOP-375/375SP/375SPH

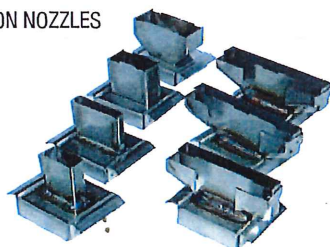


PB-1080

ONE-TOUCH NOZZLE LOCK LEVER



PB OPTION NOZZLES



● OPTION NOZZLE (PB TYPE)

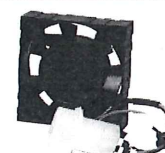
MODEL	Outer Dimensions mm	Inner Dimensions	Apply Parts
PB-16	13×25	11×23	DIP 14-16P
PB-20	13×30	11×28	DIP 18-20P
PB-28	21×40	19×38	DIP24-28P
PB-34	8×47	6×45	HEADER 34P
PB-40	8×54	6×52	HEADER 40P
PB-42	21×60	19×58	DIP 36-42P
PB-50	8×67	6×65	HEDDER 50P
PB-60	60×60	58×58	TRANSFORMER, PCB
PB-64	26×63	24×61	DIP54-64P
PB-100	20×100	18×98	CONNECTOR
PB-1040	12×42	10×40	CONNECTOR
PB-1050	12×52	10×50	CONNECTOR
PB-1080	12×82	10×80	CONNECTOR
PB-10100	12×102	10×100	CONNECTOR
PB-10130	12×132	10×130	CONNECTOR
PB-13100	15×102	13×100	CONNECTOR
PB-13120	15×122	13×120	CONNECTOR
PB-2020	22×22	20×20	for PGA
PB-2525	27×27	25×25	for PGA
PB-3030	32×32	30×30	for PGA
PB-3535	37×37	35×35	for PGA
PB4040	42×42	40×40	for PGA
REMARK	H=35 (STANDARD)	We make big nozzle and customized nozzle. Maximum dimension; 70 x 100	



TOP-338
24H TIMER(made to order)



TOP-358
WEEKLY TIMER(made to order)



COOLING FAN(74246)