JBC TE

Precision Hot Air Station

Don’t believe us...
TRY IT!

FREE TRIAL 30 DAY

The TE is a precision hot air station capable of reworking small and medium SMDs. Watch video >>

The combination of the exclusive JBC hot air system with protectors, tripods and extractors ensures desoldering components easily and safety, concentrating the heat on the selected component as show:

Desoldering with TE Precision Hot Air Station

1. Placing

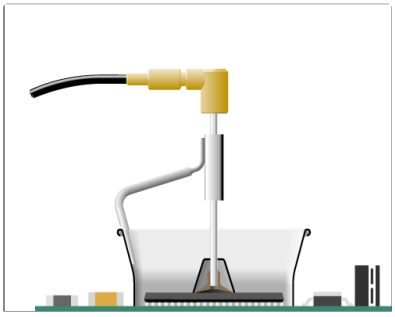
Choose the extractor, or protector and tripod, which best fits the component.

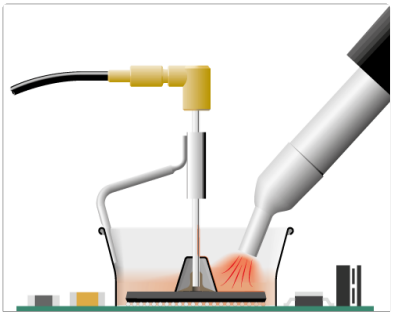
2. Heating

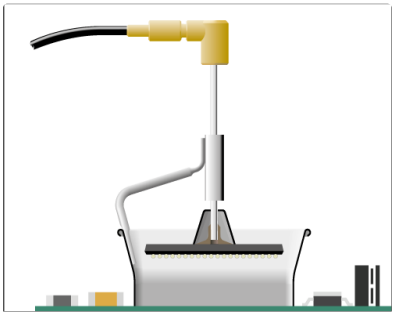
While you apply the heat to the component, the surrounding elements are protected

3. Extracting

Automatic withdrawal of the desoldered component.







Connecting an external thermocouple provides a high-precise close-loop control of the component/PCB during the rework process or can also be used to protect a component or a specific area of the PCB.

As all the JBC Stations, the TE has a menu with more than 10 parameters to customise the control unit.

REFERENCES

With extractor desk:

TESE-1A 100-120 V
TESE-2A 230 V

PRODUCT COMPOSITION

1 Hot Air Control Unit
1 TET Precision Heater Hose Set
1 Extractor Desk, composition:
  1 E2052 Extractor 52 (20 x 20 mm)
  1 E2064 Extractor 64 (20 x 26 mm)
  1 E2184 Extractor 80 (24 x 24 mm)
  1 P2220 Protector 32 (10 x 10 mm)
  1 P2235 Protector 24 (12 x 17 mm)
  1 P4000 Protector 44 (12.5 x 12.5 mm)
  1 P2230 Protector 15 x 15 mm
  1 P4010 Protector 60 (17 x 17 mm)
  1 T2050 Tripod Ø 39 mm
  1 T2250 Tripod Ø 85 mm
1 TN9209 Nozzle Straight Ø3 for TET
1 TN9208 Nozzle Straight Ø4 for TET
1 TN9080 Nozzle Straight Ø5 for TET
1 TES Stand for TE Precision Heater Hose Set
1 PH218 Thermocouple Type K

SPECIFICATIONS

Selectable Temperature	150 to 450 ºC (300-840 ºF)
Air flow	2 to 17 SLPM
Temperature profiles:	Design specific thermal profiles to avoid thermal shock during soldering processes. Up to 25 fully configurable soldering profiles can be stored.
Operating modes	Heating / Profiles / Cooling
Vacuum	30% / 228 mmHg / 9 inHg

REFERENCES

Without extractor desk:

TESE-1QA 100-120 V
TESE-2QA 230 V

PRODUCT COMPOSITION

1 Hot Air Control Unit
1 TET Precision Heater Hose Set
1 TN9209 Nozzle Straight Ø3 for TET
1 TN9208 Nozzle Straight Ø4 for TET
1 TN9080 Nozzle Straight Ø5 for TET
1 TES Stand for TE Precision Heater Hose Set
1 PH218 Thermocouple Type K

SPECIFICATIONS

Selectable Temperature	150 to 450 ºC (300-840 ºF)
Air flow	2 to 17 SLPM
Temperature profiles:	Design specific thermal profiles to avoid thermal shock during soldering processes. Up to 25 fully configurable soldering profiles can be stored.
Operating modes	Heating / Profiles / Cooling
Vacuum	30% / 228 mmHg / 9 inHg

	Protection purposes.
USB-B (rear)	Software PC
USB-A (front)	Firmware update, Graphics / Profiles management
Robot	RS-232 remote control
Pedal	Optional tool control
Equipotential bonding	Optional connection to EPA

ESD/EOS

ESD safe

POWER SUPPLY

Peak power	300 W
Ambient operating temp.	10 to 50 ºC / 50 to 120 ºF

DIMENSIONS AND WEIGHT

Premium Stations	230 x 148 x 160 mm / 4.72 kg. 9.06 x 5.83 x 6.30 in / 10.41 lb.
Package	474 x 368 x 195 mm / 5.69 kg. 18.66 x 14.49 x 7.68 in / 12.54 lb

	Protection purposes.
USB-B (rear)	Software PC
USB-A (front)	Firmware update, Graphics / Profiles management
Robot	RS-232 remote control
Pedal	Optional tool control
Equipotential bonding	Optional connection to EPA

ESD/EOS

ESD safe

POWER SUPPLY

Peak power	300 W
Ambient operating temp.	10 to 50 ºC / 50 to 120 ºF

DIMENSIONS AND WEIGHT

Premium Stations	230 x 148 x 160 mm / 4.72 kg. 9.06 x 5.83 x 6.30 in / 10.41 lb.
Package	474 x 368 x 195 mm / 5.69 kg. 18.66 x 14.49 x 7.68 in / 12.54 lb