

JBC JTSE

General Purpose Hot Air Station

[Ask for a demo](#)

Search ▼



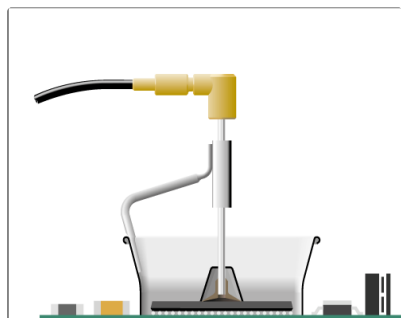
The JTSE is a high powered hot air Station capable of reworking all types of SMDs. Watch video for examples.

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

Desoldering with JTSE station

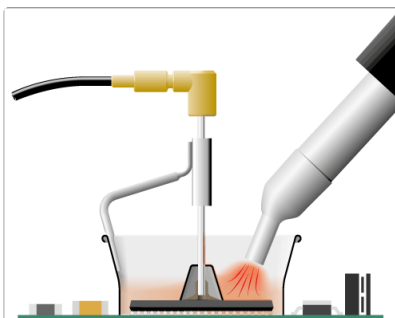
1. Placing

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

Connecting an external microscope provides a high precision close up view of the component, speeding 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 JTSE has a menu with more than 10 parameters to customise the control unit.

**Don't believe us?..
TRY IT!**



REFERENCES

With extractor desk:

JTSE-1A 100-120 V

JTSE-2A 230 V

PRODUCT COMPOSITION

- 1 Hot Air Control Unit
- 1 JT Heater Hose Sets
- 1 Extractor Desk, composition:
 - 1 E2052 Extractor 20 x 20 mm
 - 1 E2064 Extractor 20 x 26 mm
 - 1 E2184 Extractor 24 x 24 mm
 - 1 P2220 Protector 10 x 10 mm
 - 1 P2235 Protector 12 x 17 mm
 - 1 P4000 Protector 12.4 x 12.5 mm
 - 1 P2230 Protector 15 x 15 mm
 - 1 P4010 Protector 17 x 17 mm
 - 1 T2050 Tripod ø39 mm
 - 1 T2250 Tripod ø85 mm
- 1 JN2015 Nozzle for JT heater
- 1 JN2012 Nozzle for JT heater
- 1 JN2020 Nozzle for JT heater
- 1 JT-SE Stand for JT heater
- 1 PH218 Thermocouple Type K

SPECIFICATIONS

Selectable Temperature	150 to 450 °C (300-840 °F)
Air flow	5 to 50 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

CONNECTIVITY

Type K thermocouple:	Can be used both for Control and 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

REFERENCES

Without extractor desk:

JTSE-1QA 100-120 V

JTSE-2QA 230 V

PRODUCT COMPOSITION

- 1 Hot Air Control Unit
- 1 JT Heater Hose Sets
- 1 JN2015 Nozzle for JT heater
- 1 JN2012 Nozzle for JT heater
- 1 JN2020 Nozzle for JT heater
- 1 JT-SE Stand for JT heater
- 1 PH218 Thermocouple Type K

SPECIFICATIONS

Selectable Temperature	150 to 450 °C (300-840 °F)
Air flow	5 to 50 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

CONNECTIVITY

Type K thermocouple:	Can be used both for Control and 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	700 W
Ambient operating temp.	10 to 50 °C / 50 to 120 °F

DIMENSIONS AND WEIGHT	
Premium Stations	230 x 148 x 160 mm / 4.93 kg. 9.06 x 5.83 x 6.30 in / 10.86 lb.
Package	474 x 368 x 195 mm / 6.01 kg. 18.66 x 14.49 x 7.68 in / 13.25 lb.

POWER SUPPLY	
Peak power	700 W
Ambient operating temp.	10 to 50 °C / 50 to 120 °F

DIMENSIONS AND WEIGHT	
Premium Stations	230 x 148 x 160 mm / 4.93 kg. 9.06 x 5.83 x 6.30 in / 10.86 lb.
Package	474 x 368 x 195 mm / 6.01 kg. 18.66 x 14.49 x 7.68 in / 13.25 lb.

CONNECTABLES



RWB-B

Adjustable Rework Arm for PHB (Base 480x550 mm)



RWS-D

Adjustable Rework Arm for PHS (Base 270x410 mm)



RWT-B

Adjustable Rework Arm (w/o Base)

Accessories



P-005

Pedal



P-405

Pedal for Nano Rework Station



PROTECTORS Protectors for desoldering jobs



EXTRACTORS Extractors for desoldering jobs



TRIPODS Tripods for desoldering jobs



T260-A

Pick & Place



JT NOZZLES

for JT heater

Consumables

HEATING
ELEMENTS

for Hot Air