

Precision hot air station TESE-2B, incl. TE-TB hot air piston set and ESHT-A storage stand



The TESE is a precision hot air station capable of reworking small and medium 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.

Connecting an external thermocouple provides a high-precision 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 TESE has a menu with more than 10 parameters to customise the control unit.

- Selectable Temperature: 150 to 450 °C (300-840 °F)
- 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
- 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 & FAE

- Pedal: Optional tool control
- Equipotential bonding: Optional connection to EPA
- ESD safe
- Nominal power: 300 W
- Operating temp. range: 10 to 50 °C / 50 to 120 °F
- Premium Station: 232 x 148 x 160 mm / 4.72 kg
- Package: 490 x 485 x 278 mm / 5.68 kg

Item no.	WL71139
Model	TESE-2B
Model line	Premium Line
Manufacturer	JBC
Manufacturer article no.	TESE-2B
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei www.jbctools.com
Length with packaging	490 mm
Width with packaging	485 mm
Height with packaging	278 mm
Scope of delivery	1x JTSE supply unit 1x TE-SF storage stand 1x TE-TB hot air gun 1x magazine ESHT 1x thermocouple type K PH218 1x TN9209 Hot air nozzle Ø3 for TE-TB 1x TN9208 Hot air nozzle Ø4 for TE-TB 1x TN9080 Hot air nozzle Ø5 for TE-TB 1x Kapton tape PH217 1x mains plug 1x Operating instructions
Sales unit	1 piece
Content unit	1 piece
Incl. battery	no
Power	300 W
Voltage	230 V
Temperature range °C	150 – 450 °C
Station (type)	hot air station
ESD compliant	yes