

## Power hot air station JTSE-2B, incl. JT-T2A hot air piston set and ESHT-A peel-off stand



The JBC JTSE-2B is a highly developed hot air station from JBC's Premium Line, designed for demanding SMD repairs and PCB reworking. With an output of 700 W and a temperature range of 150-450°C, it enables precise and efficient desoldering of components such as QFPs and PLCCs.

Equipped with a powerful hot air piston (JT-T2A), the JTSE-2B offers a high airflow rate of 5-50SLPM, ideal for fast and safe repairs. The digital control via a clear display allows easy adjustment of temperature and airflow. Up to 25 individually programmable soldering profiles can be saved via the USB-B interface, allowing precise control of the repair processes.

The station is ESD-safe and has an automatic standby mode that is activated when the hot air iron is placed in the storage stand. This protects sensitive components from electrostatic discharge and extends the service life of the device. A thermocouple (type K) enables precise temperature monitoring directly on the circuit board to prevent overheating.

The scope of delivery includes the JTSE control unit, the JT-T2A hot air gun, a JT-SD storage stand, an extraction stand with accessories, three hot air nozzles (Ø 4.0mm, Ø 6.0mm, Ø 8.0mm), a PH218 thermocouple, a PH217 Kapton tape, a mains plug and operating instructions. An optional foot pedal (P-005) is available to facilitate air flow control.

- 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
- 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: 700 W
- Operating temp. range: 10 to 50 °C / 50 to 120 °F
- Premium Station: 232 x 148 x 160 mm / 4.93 kg; 9.13 x 5.83 x 6.30 in / 10.86 lb
- Package: 490 x 485 x 278 mm / 6.01 kg / 19.29 x 19.09 x 10.94 in / 13.24 lb

<b>Item no.</b>	<b>WL71140</b>
Model	JTSE-2B
Model line	Premium Line
Manufacturer	JBC
Manufacturer article no.	JTSE-2B
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei www.jbctools.com
Length	232 mm
Width	148 mm
Height	160 mm
Length with packaging	490 mm
Width with packaging	485 mm
Height with packaging	278 mm
Scope of delivery	1x JTSE supply unit 1x JTS storage stand 1x hot air piston JTT 1 set of accessories (only included in 810392) 1x hot air nozzle Ø 4.0mm JN2015 1x hot air nozzle Ø 6.0mm JN2012 1x hot air nozzle Ø 8.0mm JN2020 1x thermocouple type K PH218 1x Kapton tape PH217 1x mains plug 1x Operating instructions

Sales unit	1 piece
Content unit	1 piece
Incl. battery	no
Power	700 W
Voltage	230 V
Temperature range °C	150 – 450 °C
Station (type)	hot air station
ESD compliant	yes