TECHNICAL DATA SHEET

JTSE Power Hot Air Station



JTSE is a high-power Hot Air Station capable of reworking all types of SMDs.

The combination of JBC Hot Air System with protectors, tripods, and extractors ensures easy and safe component desoldering, concentrating the heat on the selected component as shown:

Desoldering with JTSE Hot Air Station

1. Placing

Choose the extractor, or the protector and tripod, that best fits the application.

2. Heating

While heat is applied to the component, surrounding elements remain protected.

3. Extracting

Automatic removal of the desoldered component.

Connecting an **external thermocouple** provides a highly precise closed-loop control of the component/PCB during the rework process. It can also be used to protect sensitive components or specific PCB areas.

As with all JBC Stations, JTSE has a menu with more than 10 parameters to customize Control Unit settings.

Learn more about **Hot Air Station** features.

REFERENCES

With ESHT Magazine

JTSE-1B - 120 V
JTSE-2B - 230 V
JTSE-9B - 100 V

Without ESHT Magazine

JTSE-1QB - 120 V
JTSE-2QB - 230 V
JTSE-9QB - 100 V

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PRODUCT COMPOSITION

With ESHT Magazine

1 - Instruction Manual
1 - JTSE Power Hot Air Control Unit
1 - JTT Heater Hose Set
1 - JTS Stand for JTT Heater Hose Set
1 - JN2015 Nozzle for JT heater
1 - JN2012 Nozzle for JT heater
1 - JN2020 Nozzle for JT heater
1 - ESHT Magazine for Protectors & Extractors
1 - PH218 Thermocouple Type K
1 - PH217 Kapton tape

Without ESHT Magazine

1 - Instruction Manual
1 - JTSE Power Hot Air Control Unit
1 - JTT Heater Hose Set
1 - JTS Stand for JTT Heater Hose Set
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SPECIFICATIONS

Nominal power	700W
Selectable temperature	150 to 450 °C / 300 to 840 °F
Air flow regulation	5 to 50 SLPM
Vacuum	30% / 228 mmHg / 9 inHg
Profiles	25 (up to 10 steps for each), 1 preset profile
Type K TC connector	1 for Control & Protection
ESD safe	Meet ANSI / ESD S20.20
Equipotential bonding	Connection to EPA
USB-A	Firmware update Graphics and profiles
USB-B	PC communications
RJ12 connector	Remote control or FAE Fume Extractor connection
Pedal connector	Tool control

WEIGHT AND DIMENSIONS

With ESHT Magazine

Control Unit	230 x 148 x 160 mm / 6.80 kg 9.06 x 5.83 x 6.30 in / 14.99 lb
Package	545 x 345 x 275 mm / 7.89 kg 21.46 x 13.58 x 10.83 in / 17.39 lb

Without ESHT Magazine

Control Unit	232 x 148 x 160 mm / 4.10 kg 9.13 x 5.83 x 6.30 in / 9.05 lb
Package	444 x 395 x 273 mm / 6.28 kg 17.48 x 15.55 x 10.75 in / 13.84 lb