TECHNICAL DATA SHEET

TESE Precision Hot Air Station



TESE Precision Hot Air Station is designed for reworking small and medium SMD components.

The combination of JBC Exclusive Hot Air System with protectors, tripods, and extractors enables an efficient desoldering process by concentrating heat on the selected component, as shown below:

Desoldering with TESE Precision Hot Air Station

1. Placing

Select the extractor or the appropriate protector and tripod according to the component.

2. Heating

Apply heat to the component while surrounding elements remain protected.

3. Extracting

Automatic removal of the desoldered component.

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

Like all JBC Stations, TESE features a menu with more than 10 parameters to customize the workflow.

Discover **more** about JBC Hot Air Stations.

REFERENCES

With ESHT Magazine

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

Without ESHT Magazine

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

TECHNICAL DATA SHEET

TESE Precision Hot Air Station

PRODUCT COMPOSITION

With ESHT Magazine

1 - Instruction Manual
1 - JTSE Power Hot Air Control Unit
1 - TET Precision Heater Hose Set
1 - TES Stand for TET Precision Heater Hose Set
1 - ESHT Magazine for Protectors & Extractors
1 - TN9209 Straight Nozzle
1 - TN9208 Straight Nozzle
1 - TN9080 Straight Nozzle
1 - PH218 Thermocouple Type K
1 - PH217 Kapton tape

Without ESHT Magazine

1 - Instruction Manual
1 - JTSE Power Hot Air Control Unit
1 - TET Precision Heater Hose Set
1 - TES Stand for TET Precision Heater Hose Set
1 - TN9209 Straight Nozzle
1 - TN9208 Straight Nozzle
1 - TN9080 Straight Nozzle
1 - PH218 Thermocouple Type K
1 - PH217 Kapton tape

SPECIFICATIONS

Nominal power	300W
Selectable temperature	150 to 450 °C / 300 to 840 °F
Air flow regulation	2 to 17 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	232 x 148 x 160 mm / 4.72 kg 9.13 x 5.83 x 6.30 in / 10.41 lb
Package	545 x 345 x 275 mm / 8.02 kg 21.46 x 13.58 x 10.83 in / 17.68 lb

Without ESHT Magazine

Control Unit	232 x 148 x 160 mm / 3.44 kg 9.13 x 5.83 x 6.30 in / 7.58 lb
Package	444 x 395 x 273 mm / 6.20 kg 17.48 x 15.55 x 10.75 in / 13.67 lb