

JBC TESE

Precision Hot Air

JBC



Product Application Map

News



Don't believe us...
TRY IT!



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.

REFERENCES

With extractor desk:

TESE-1B 100-120 V

TESE-2B 230 V

PRODUCT COMPOSITION

- 1 Hot Air Control Unit
- 1 TET Precision Heater Hose Set
- 1 TES Stand for TET Precision Heater Hose Set
- 1 ESHT for Protectors & Extractors
 - 1 E2052 Extractor 52 (20 x 20 mm)
 - 1 E2064 Extractor 64 (20 x 26 mm)
 - 1 E2184 Extractor 80 (24 x 24 mm)

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 S20.20-2021
Equipotential bonding	Connection to EPA
USB-A	Firmware update Graphics and profiles
USB-B	PC communications
Pedal Connector	Tool control

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- 1 P2220 Protector 32 (10 x 10 mm)
 - 1 P2235 Protector 24 (12 x 17 mm)
 - 1 P4000 Protector 44 (12.5 x 12.5 mm)
 - 1 P2230 Protector 48 (15 x 15 mm)
 - 1 P4010 Protector 60 (17 x 17 mm)
 - 1 T2050 Tripod Ø 39 mm
 - 1 T2250 Tripod Ø 85 mm
 - 1 CU110 Cups for Extractors & Tripods
 - 1 A2330 Suction Tube for Protectors & Extractors
 - 1 TN9209 Straight Nozzle Ø3 for TET
 - 1 TN9208 Straight Nozzle Ø4 for TET
 - 1 TN9080 Straight Nozzle Ø5 for TET
 - 1 PH218 Thermocouple Type K

DIMENSIONS AND WEIGHT

Control Unit	232 x 148 x 160 mm / 4.72 kg. 9.1 x 5.8 x 6.3 in / 10.41 lb.
Package	490 x 485 x 278 mm / 5.68 kg. 19.2 x 19.1 x 10.9 in / 12.52 lb.

CONNECTABLES



RWT-B

Rework Adjustable Arm with out Base



RWS-D
mm)

Adjustable Rework Arm for PHSE (Base 270x410



RWB-B
mm)

Adjustable Rework Arm for PHBE (Base 480x550

Accessories



P-005

Pedal



EXTRACTORS

Extractors for desoldering jobs using Hot Air Stations



TRIPODS

Tripods for desoldering jobs using Hot Air Stations



PROTECTORS

Protectors for desoldering jobs using Hot Air Stations



TENOZZLES

for TET Precision Heater Hose Set



T260-A

Pick & Place Handle



P-405

Pedal for Nano Rework Station

Consumables



HEATINGELEMENTS

Desoldering Iron and Hot Air