

Hot Air Station

JTSE

The JTSE is a high powered hot air Station capable to rework all types of SMDs. See [video](#) for examples.

The combination of the exclusive JBC hot air system with protectors, tripods and extractors ensures desoldering components easily and safety.

It features, along with the manual mode, a powerful functionality of profiles to perform rework tasks. Temperature and air flow are managed automatically by the station, capable to store up to 25 different profiles.

Connecting an [external thermocouple](#) provides a high-precise close-loop control of the component/PCB during the rework process. It can also be used to protect a component or a specific area of the PCB.

It comes with the tool JT-SA and a complete extractor desk including protectors, tripods and extractors.

As all the JBC Stations, the JTSE has a menu with more than 10 parameters to customise the control unit.

100-120 V Ref. JTSE-1A

230 V Ref. JTSE-2A



Specifications

Selectable parameters

Selectable Temperature	150 to 450 °C (300-840 °F)
Air flow	5 to 50 SLPM
Temperature profiles:	Design specific thermal profiles for automatic SMD soldering. Obtain repeatable results and avoid thermal shock by controlling the temperature throughout the different phases of the process (ramp up rate, peak temperature and ramp down rate).
	Up to 25 fully configurable soldering profiles can be stored.
Operating modes	Heating / Cooling
Others	
Type K thermocouple:	Plug an external TC to the controller and place it close to the component to be soldered or reworked to have

Product Packaging

Modular System	JTE-B
Tools	JT-TA
Stands	JT-SE
Accessories	JN2015 , JN2012 , JN2020 , E2052 , E2064 , E2184 , P2220 , P2235 , P4000 , P2230 , P4010 , T2050 , T2250 , 0008752
Consumables	PH218

the most precise temperature control regardless of the distance to the nozzle. It can be used both for Control and Protection purposes.

Vacuum	30% / 228 mmHg / 9 inHg
Connectivity	
USB-B (rear)	Software PC
USB-A (front)	Firmware update, Graphics/Profiles management
Robot	RS-232 remote control
Pedal	Optional tool control
Aux	Peripheral expansion
Equipotential bonding	
ESD/EOS	
ESD safe	
Power supply	
Peak power	700 W
Voltage (AC)	ref. JTSE-1A - 100/120 V ref. JTSE-2A - 230 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
Dimensions and weight	
Control Unit	148 x 184 x 140 mm / 4.93 kg 5.8 x 7.2 x 5.5 in / 10.86 lb
Package	474 x 368 x 195 mm / 6.01 kg 18.7 x 14.5 x 7.7 in / 13.25 lb

Connectables

Accessories

Pedal
P-005



PROTECTORS



EXTRACTORS



TRIPODS



Pick & Place
T260-A




for JT heater
JT NOZZLES



Consumables

for Hot Air
HEATING ELEMENTS



 **Documentation**

- Manuals JTSE-A Manual
- Exploded View JTSE-A Exploded View