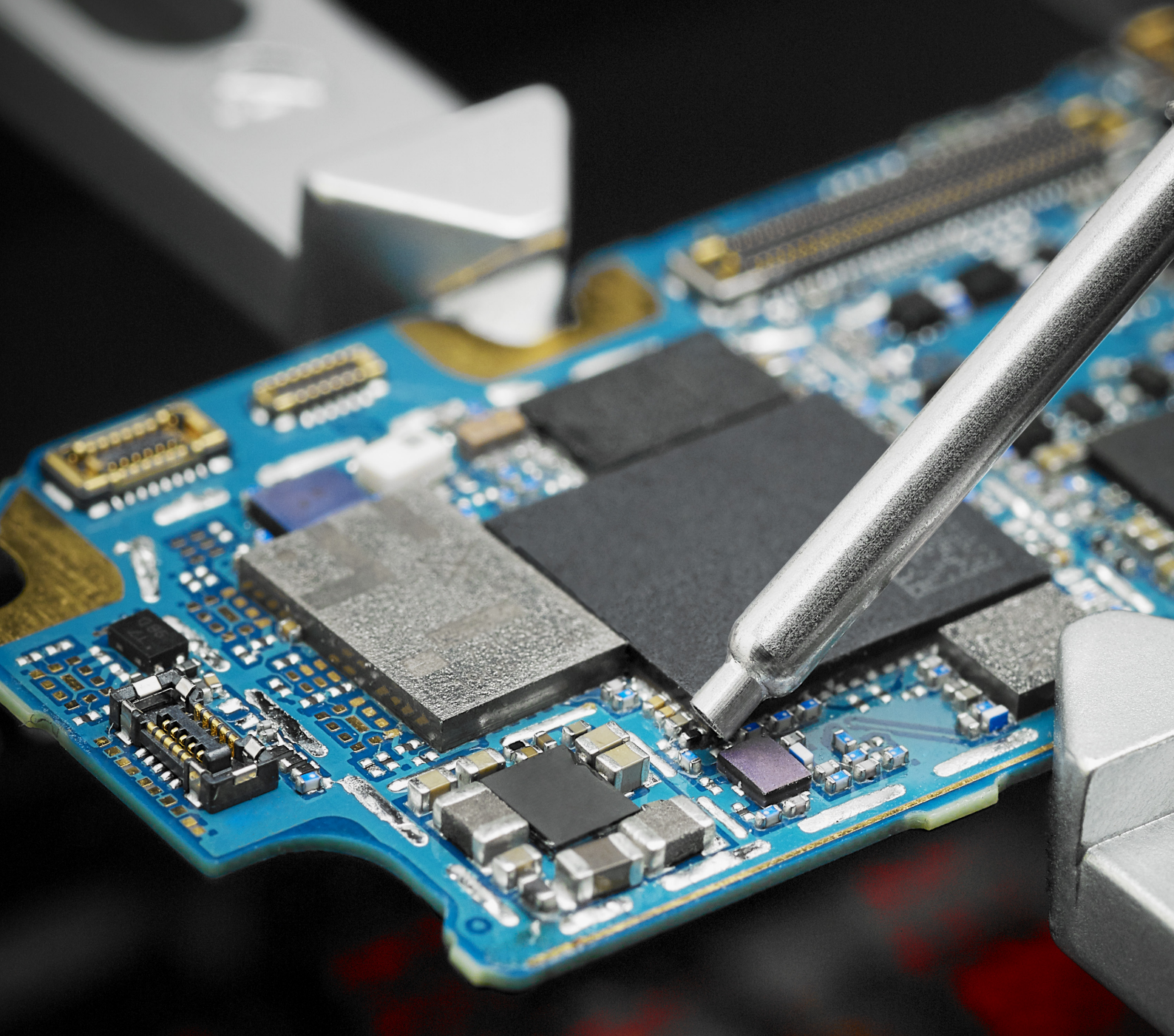


JBC
The Soldering Co.



Hot Air Stations

The quickest desoldering ever seen

Hot Air Stations

High-powered Hot Air Stations to rework all types of SMDs. The combination of the exclusive JBC Hot Air System with protectors, tripods and extractors ensures desoldering components easily and safely.

JNA

High-Precision Hot Air Station

JBC JNA is the only Hot Air Station to rework, position and remove SMDs without affecting nearby components, perfect for reworking SMDs on areas with minimal separation.

Auto-Stop Function

The Auto-stop function is a safety measure which guarantees that the heat is automatically cut off when the tool is in the stand. It is safer and more efficient.

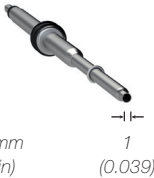
Changing Heating Element

Save time and increase productivity by using NHS Stand, which facilitates fast and safe use of the heating element.



Pick & Place

The station includes a Pick & Place functionality to position and remove components with high precision.



J125010 Heating Element is perfect to rework the smallests SMDDs from 0402 to SOIC-8 under the magnifying glass.

Specifications

Control Unit Dimensions	180 x 170 x 110 mm / 7.1 x 6.7 x 4.3 in
Control Unit Weight	1.35 Kg / 2.96 lb
Ref. - Voltage (AC) / Fuse	JNASE-9A - 100V 50/60Hz / Main fuse: T2A JNASE-1A - 120V 50/60Hz / Main fuse: T2A JNASE-2A - 230V 50/60Hz / Main fuse: T2A
Airflow Regulation	0.15 - 2.5 SLPM

Temperature selection	Room Temp. / 150 - 450 °C / 300 - 840 °F
Nominal power	70W
Operating room temp.	10 - 50 °C / 50 - 122 °F
Vacuum	53% / 397 mmHg / 15.6 inHg
Rated current	0.85A

Control Temperature & Airflow

Using the menu you can personalize over 20 parameters to help manage the soldering or desoldering process. Profile mode allows to create/edit a profile to control three different parameters point by point: temperature, time to reach it and airflow percentage. It can store up to 25 different profiles.

TE & JT Hot Air Stations

TE

Precision Hot Air station

For reworking small and medium SMDs.

JT

Hot Air station

For reworking big SMDs.

JTQ & TEQ

Hot Air Stations without ESHT Extractor Stand

Thermocouple connection

Connect a TC type K to control the temperature on PCB and components in real time

Adjustable TFT Screen

Safer and cost-effective

The Auto-stop function is a security measure that guarantees the automatic stop of the tool once in the stand, preventing potential incidents such as stand overheating. In addition, it saves power and lengthens the heater life.




Specifications

Control Unit Dimensions	148 x 184 x 140 mm / 5.83 x 7.24 x 5.51 in	Temperature selection	Room Temp. / 150 - 450 °C / 300 - 840 °F
Control Unit Weight	1.9 kg / 10.86 lb	Nominal power	700W (JT) / 300W (TE)
Ref. - Voltage (AC) / Fuse	JTSE-1A / TESE-1A - 100-120V 50/60Hz. Input fuse: 8A JTSE-2A / TESE-2A - 230V 50/60Hz. Input fuse: 4A	Operating room temp.	10 - 50 °C / 50 - 122 °F
Airflow Regulation	5-50 SLPM (JT) / 2-17 SLPM (TE)	Vacuum	30% / 228 mmHg / 9 inHg
		Rated current	3A (230 V) / 7A (100-120 V)

Hot Air accessories


Choose the model to suit your desoldering needs

Protectors

	Ref.	A x B (mm)	Ref.	A x B (mm)	Ref.	A x B (mm)
	P3353	4.3 x 3	P2220 *	10 x 10	P4010 *	17 x 17
	P3786	5.2 x 5.2	P4045	10.5 x 21	P4005	18 x 29
	P3352	5.2 x 7.5	P4090	11 x 16	P4030	18.5 x 18.5
	P3355	5.2 x 9.5	P2235 *	12 x 17	P1068	18.5 x 24
	P3356	6.2 x 4.2	P1249	12 x 23	P2685	28.5 x 28.5
	P3785	7.2 x 7.2	P4000 *	12.5 x 12.5	P4085	31.5 x 31.5
	P3784	8.2 x 8.2	P1593	13 x 31.5	P2672	33 x 46
	P4035	9 x 13	P3354	13.2 x 13.2	P4002	50 x 50
	P4040	9.5 x 19	P4025	13.5 x 21.5	P3357	52.5 x 14
	P4080	9.5 x 21	P2230 *	15 x 15		

*Supplied with ESHT Extractor Stand

Extractors

	Ref.	Size (mm)
	E2052 *	20 x 20
	E2064 *	20 x 26
	E2184 *	24 x 24
	E2068	27 x 27
	E4020	28.5 x 28.5
	E4015	31.5 x 31.5
	E2084	33 x 33
	E2100	38 x 38
	E2124	45 x 45
	E2190	Ø 7



*Supplied with ESHT Extractor Stand

Tripods

	Ref.	Size (mm)
	T2050 *	Ø 39
	T2250 *	Ø 85




*Supplied with
ESHT Extractor Stand

TE Nozzles

	Ref.	Size (mm)
Bent 	TN9787	Ø 3
	TN9785	Ø 4
	TN9782	Ø 5
	TN8851	Ø 3 (45°)
	TN8905	Ø 4 (45°)
Straight 	TN9561	Ø 5 (45°)
	TN9209*	Ø 3
	TN9208*	Ø 4
	TN9080*	Ø 5

*Supplied with ESHT Extractor Stand

JT Nozzles

	Ref.	Size (mm)
Bent 	JN2015 *	Ø 4
	JN2012 *	Ø 6
	JN6633	Ø 8
Straight 	JN2020 *	Ø 8
	JN8417	Ø 10
Flat 	JN7637	10 X 2
	JN7638	20 X 2
	JN7639	30 X 2

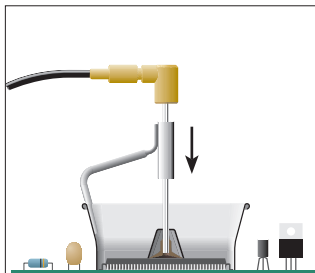
*Supplied with ESHT Extractor Stand

Quick and safe desoldering

JBC Hot Air Stations use extractors to protect adjacent components

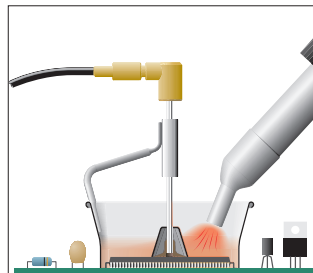
1. Placing

JBC features a wide range of extractors, tripods and protectors so you can choose one to suit the component.



2. Heating

The adjacent components are protected by concentrating heat only on the component you are working on.



3. Releasing

The component lifts off automatically.

