

JBC

The Soldering Co.



Everything you need in minimum footprint
Compact line

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All in One
Control Unit + Stand + Cleaning

Each unit meant for a
specific purpose



Quick tip changer
Save time and increase productivity by using the quick cartridge changer. The quick tip changer facilitates fast and safe use of different cartridge geometries.

Cartridge Holder
Allow to stored up to 4 cartridges.

Process screen
Fast and easy configuration of the station thanks to the 7-key keypad. The **User-Friendly Menu** allows you to personalize over **20 parameters** to help manage the soldering process. Set temperature limits, check usage counters, lock the station with a PIN or program Sleep & Hibernation features.

Suit position
JBC stations are designed to suit the user's work position. The tool stand and the cable collector are easily adjustable.

Intelligent Heat Management
The stations incorporate the **Sleep & Hibernation** features that lower tip temperature when the tool is placed in the adjustable stand. As a result, a JBC's tip life lasts up to 5 times longer than other brands.

Communication station-PC
The incorporation of a **USB Connector** on all stations and control units allows you to manage your job remotely from a PC. The most innovative technology to take your work beyond the station. Now with the new accessible and replaceable Earth Fuse

Tip Cleaning System
The CD stations feature a tip cleaner with a new **antispash rubber** to prevent splashing of solder particles and maintain the work area clean. The most **complete cleaning system** allows you to choose from 3 safe methods according to your needs: metallic wool, sponge or metal brush. The integrated wiper also allows you to remove excess solder from the tip single-handedly.

Soldering

CD-S
Precision Station
with **T210** Handle

This station is ideal when working on populated PCBs or under a magnifying glass.



CD-B
General Purposes Station
with **T245** Handle

This station is suitable for both SMD or THT components.



CA
Solder Feed Station
with **AP250** Solder Feed Iron

The perfect station for applications requiring a free hand to solder wire, connectors, transformers or THT components.



Rework

CP
Micro Tweezers Station
with **AM120** Adjustable Micro Tweezers

The best solution for soldering and rework of SMD components such as chips, small/medium SOP components and dual line components.



CS
Desoldering Station with Electric Pump and **DS360** Iron

The perfect station for precision desoldering jobs of THT components and SMD pad cleaning.





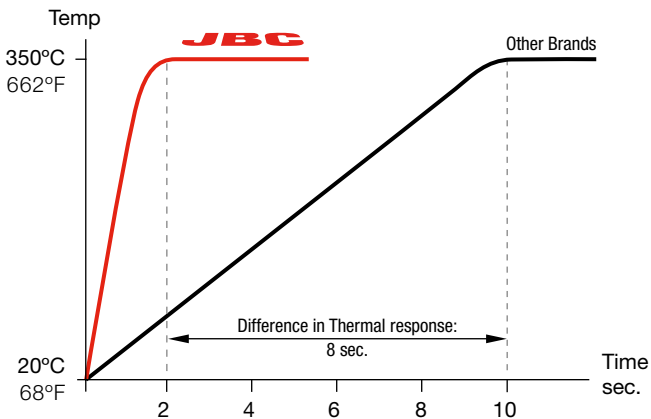
The Soldering Co.

The most efficient soldering system

The JBC Exclusive Heating System

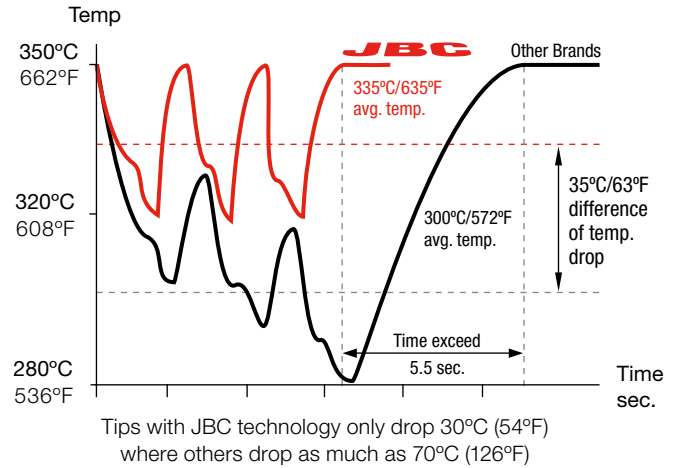
JBC's stations work with the JBC Exclusive Heating System which recovers tip temperature extremely quickly. This increases work efficiency and allows the user to work with lower temperatures.

350°C/662°F in 2 seconds



Efficient Temperature Control

Comparative process of 3 solder joints



The Intelligent Heat Management

Thanks to automatic detection of the tool in the stand, JBC Soldering and Rework Stations allow the tools to enter into **Sleep & Hibernation** mode when not being used. As a result, tip life lasts up to 5 times longer.

Sleep Mode

Sleep Mode automatically lowers tip temperature below solder melting point when the tool rests in the stand.

It prevents the dissolution of the tips iron dissolution into solder.

Hibernation Mode

After a configurable period of tool inactivity in the stand (10 min factory default), the tool enters into **Hibernation mode**.

It cuts off the power supply making the tip reach room temperature thus preventing oxidation and saving energy.

Longer Tip life

Tip life increases exponentially by using lower temperatures as shown. Using the **Sleep Mode**, the temperature is further reduced, which extends tip life by 5.

