JBC

The Soldering Co.



Compact line

Everything you need in minimum footprint

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All in One
Control Unit + Stand + Cleaning

Each unit meant for a
specific purpose



Work position

JBC stations are designed to suit the user's work position. **Tool Stand** and **Cable Collector** are easily **adjustable.**

Quick Cartridge Extractor and Holder

Save time and **increase productivity** by using **Quick Cartridge Extractor**, which facilitates fast and safe use of different cartridge geometries.
Cartridge Holder allows to store up to four cartridges.

Intelligent Heat Managament

Stations incorporate **Sleep & Hibernation Modes** which lower tip temperature when the tool is placed in the tool stand. As a result, JBC tips 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.

Intuitive Menu and Interface

Fast and easy station configuration thanks to the 7-key keypad. **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 Modes.**

Tip Cleaning System

CD Compact Stations feature a tip cleaner with **antisplash rubber** to prevent splashing of solder particles and maintain the work area clean. The most **complete Cleaning System** allows you to choose from three 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.

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Soldering

CDS
Precision Soldering Station
This station is ideal when working on populated PCBs or under a magnifying glass. It includes **T210** Precision Purpose Handle.

CDB
Soldering Station
This station is suitable for both SMD or THT components. It includes **T245** General Purpose Handle.

CDA
Solder Feed Station
The perfect station for applications requiring a free hand to solder wire, connectors, transformers or THT components. It includes **AP250** Solder Feed Iron.



Rework

CDP
Micro Tweezers Soldering Station
The best solution for soldering and rework of SMD such as chips, small/medium SOP components and dual line components. It includes **AM120** Adjustable Micro Tweezers.

CDD
Desoldering Station
The perfect station for precision desoldering jobs of THT components and SMD pad cleaning. It includes **DS360** Micro Desoldering Iron.

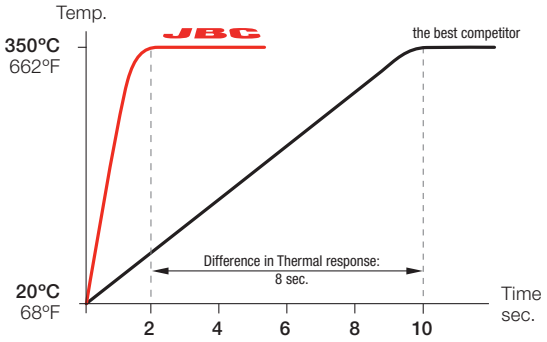


Most Efficient Soldering System

JBC Exclusive Heating System

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

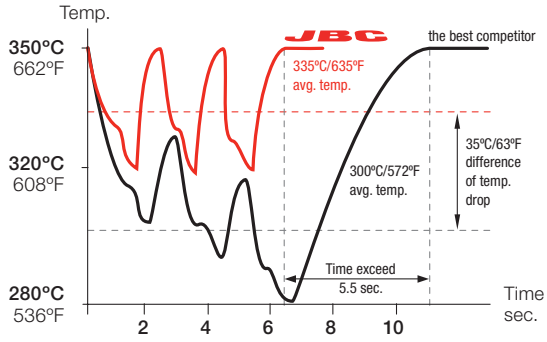
350ºC/662ºF in 2 seconds



**This graph compares JBC C210 Cartridge Range to the equivalent cartridges of the best competitor.*

Efficient Temperature Control

Comparative process of 3 solder joints



Tips with JBC technology only drop 30ºC (54ºF) where others drop as much as 70ºC (126ºF).

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 Modes** when not being used. As a result, tip life lasts up to 5 times longer.

Sleep Mode

Sleep Mode automatically lowers tip temperature below the solder melting point when the tool rests in the stand. It prevents the dissolution of the tip iron coating into molten solder.

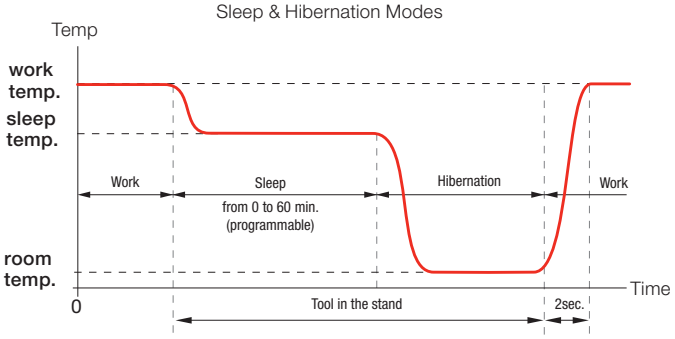
Hibernation Mode

After a configurable period of tool inactivity in the stand, 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 Sleep Mode, the temperature is further reduced, which multiplies tip life by 5.

Sleep & Hibernation Modes



Tip life up to 5x longer

