

JBC

The Soldering Co.



CDE

The first station with Soldering Assistant

Soldering Assistant provides the data to achieve perfection

The first system that measures the delivered energy during the soldering process

The system compares all new solder joints with the prestored soldering reference. This function gives feedback to the operator, showing a percentage to qualify the soldering process.

Furthermore, this system makes this station perfect to improve the operator's soldering abilities.



Improve your soldering quality while improving your skills

1. Configure

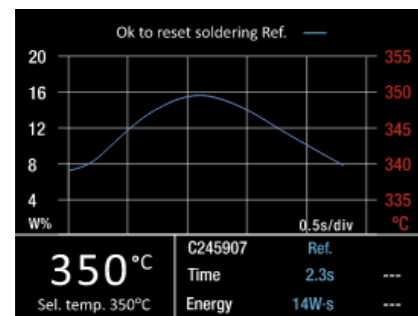
Set the proper soldering configuration to obtain the best quality soldering.

2. Choose the Cartridge

By selecting the cartridge used, the station sets up the proper internal configuration.

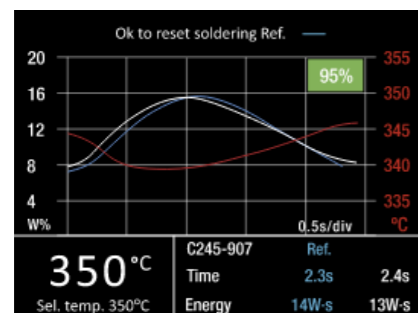
3. Perform

An experienced operator needs to perform and verify the soldering process.



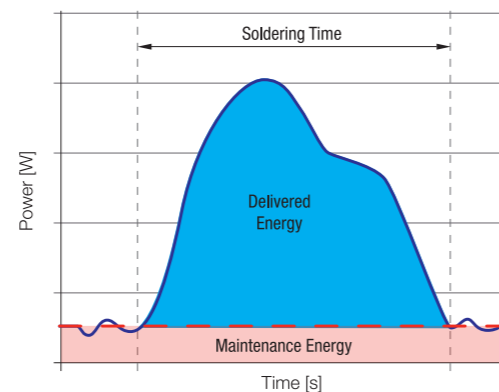
4. Practice

Repeat the soldering joint and the station compares it with the pre-stored joint.



Energy of the Soldering process

The only way to indicate whether two soldering joints are equal or not is by using the delivered energy measurement during the soldering process and the time needed.



Soldering Assistant allows analyzing manual soldering processes and obtaining a qualification of these by comparing the soldering joints one by one.

SOLDERING JOINT INFO			
	Last	Ref.	Diff.
Sel. temp.	350°C	350°C	
Cartridge	C245907	C245907	
Time	2.4s	2.3s	-2%
Max temp	350°C	350°C	+0%
Min temp	335°C	340°C	-1%
Energy	13W-s	14W-s	-7%
Result	95%		

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 Management

The stations incorporate Sleep & Hibernation Modes that automatically lower the tip temperature when the tool is placed in the Tool Stand. Therefore, JBC's tip life lasts up to 5 times longer than other brands.

Cable Collector

Tool Stand and Cable Collector are easily adjustable. Work freely, without troublesome cables.

Intuitive Menu and Interface

A renewed user menu allows you to easily set up the station and soldering parameters.



Communication

Connect your station via USB cable to a PC and get to control and trace your soldering production.



Tip Cleaning System

CDE Stations feature a tip cleaner with antispash 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.

- Peripherals can also be directly connected.
- USB Connection (Software updates, export graphics and monitor and manage station parameters).
 - FAE Fume Extractors
 - KNE Nitrogen Kit
 - Pedal
 - Easily replaceable Earth Fuse
 - Equipotential Connection

Station Range



CDES

Precision Soldering-Assistant Station

This station is suitable for **precision soldering** with a **T210 Precision Handle**, the ideal tool when working on populated PCBs or under a magnifying glass. It works with C210 Cartridges.



CDEB

Soldering-Assistant Station

This station is suitable for **general soldering** applications with a **T245 General Purpose Handle**, perfect for both SMD and for jobs with high power requirements. It works with C245 Cartridges.

A healthy workplace is our priority



FAE2

Fume Extractor for 2 workbenches

For a basic working system with two work intakes you need: two Flexible Arms Ø50 mm (**FAE070** or **FAE020**), four Flexible Hoses Ø50 mm (**FAE010**), two accessories for Stand Aspiration (**FAE030** or **FAE040**) and Fume Inlet Duct (**FAE050** or **FAE060**).

