



JBC
The Soldering Co.



Heavy Duty Station

High power for industrial soldering applications

Heavy Duty Station

Industrial equipment ready to work intensively.

- 250 Watts peak power for **high-thermal demands** and prolonged soldering applications.
- Used in production of **solar panels, multi-layered circuits and components of large dissipation surfaces**.
- **Full control of soldering processes** and remote work management thanks to JBC Software.
- Direct connection to **JBC Fume Extractor** to avoid exposure to solder fumes.



Soldering application using C470012 Cartridge

Easy-to-use menu helps work more efficiently.



Station Customization
Personalize the station parameters according to your needs.



Partial Counters
Register total and partial time for each port, such as work and Sleep & Hibernation Modes in hours.



Graphics
In real time, visualize tip temperature and power delivered to the solder joint during the soldering process.



Communication Station-PC
Manage your stations via PC or export graphics by updating its software.



Increase productivity

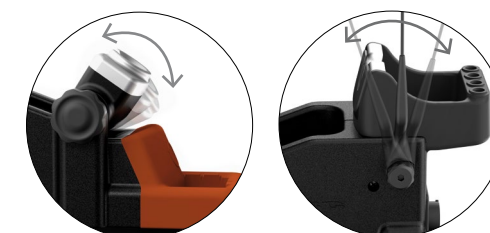
Save time and work on different soldering jobs by using **Quick Cartridge Exchanger**.

Intelligent Heat Management

When the tool is placed in the stand, **Sleep & Hibernation Modes** reduce the temperature and extend tip life up to 5 times.

Suitable position

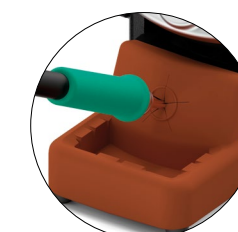
Tool Holder and **Cable Collector** are easily adjustable.



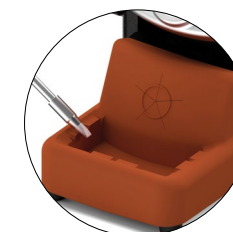
Improve thermal transfer to the tip

The **antisplash membrane** prevents splashing of solder particles and maintains the work area clean.

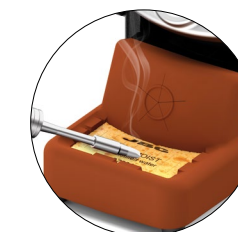
The most **complete Cleaning System** allows you to choose from two safe methods according to your needs: metallic wool or sponge. The integrated wiper also allows you to remove excess solder from the tip single-handedly.



Brass Wool



Tip Wiper



Sponge

Connectables

HD Thermal Tweezers

Reduce handling time

HT470K Heavy-Duty Tweezer Kit

It requires two **HDE** Heavy-Duty Control Units in order to manage the cartridges individually and optimize their thermal performance.



T470 HD Handles

For intensive soldering applications

For intensive soldering jobs requiring continued high-thermal power. They feature a non-slip grip with a good thermal insulation and a fixing screw to secure the cartridge within the handpiece, preventing its rotation.

T470Z Tri-lobed Grip HD Handle



Tri-lobed shape for better handling



T470 HD Handle

T470S HD Handle with 3m cable



Foam



T470F Thermal Insulator Grip HD Handle

T470M Soft Thermal Insulator Grip HD Handle with 3m cable

T470N Nitrogen HD Handle



Nitrogen feed

JBC GN Nitrogen Generator Module or an external nitrogen feed is needed

Specifications

Control unit dimensions	232 x 148 x 120 mm / 9.1 x 5.8 x 4.7 in
Control unit weight	2.63 Kg / 5.79 lb
Peak power (tool)	250 W
Ref. - Voltage (AC) / Fuse	HDE-9E - 100 V / Input fuse: 4A HDE-1E - 120 V / Input fuse: 4A HDE-2E - 230 V / Input fuse: 2A

Selectable temperature	90 - 500 °C / 190 - 932 °F
Idle temp. stability (still air)	±1.5 °C / ±3 °F (Meets and exceeds IPC J-STD-001F)
Ambient operating temp.	10 - 50 °C / 50 - 122 °F
Connections	USB-A / USB-B / Peripheral connectors
Tip-to-ground voltage and resistance	Meets and exceeds ANSI/ESD S20.20-2014 IPC J-STD-001F

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