JBC
The Soldering Co.



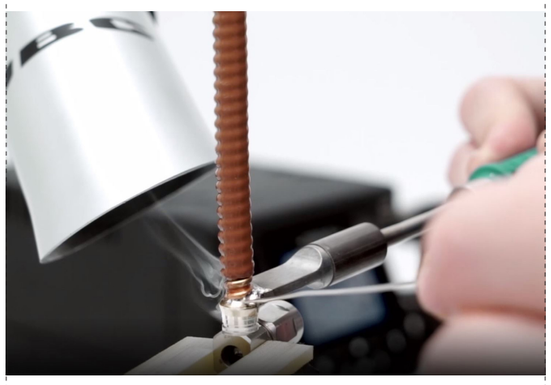
Heavy Duty Station

High power for industrial soldering applications

Heavy Duty Station

Industrial equipment ready to work intensively.

- 250 Watts peak power.
- The exclusive solution 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. It also allows direct connection with JBC Fume Extractors.



Soldering application using C470012 Cartridge

Easy-to-use menu helps work more efficiently.

Customizable Station
Personalize the parameters according to your application.

Partial Counters
Total and partial time register for each port: work, Sleep & Hibernation in hours.

Graphics
Realtime visualization of tip temperature and power delivered to the solder joint during soldering process.

Communication Station-PC
Update station software manages your stations via PC or export graphics.



Increase productivity

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



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.

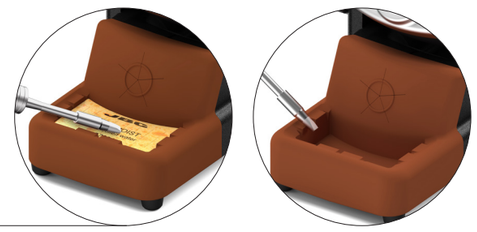
Suit position

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



Improve thermal transfer to the tip

The **antisplash rubber** prevents splashing of solder particles and maintains 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.



Connectables



HD Thermal Tweezers
Reduce handling time

HT470K Heavy-Duty Tweezer Kit
It requires two **HDU** 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



T470F Thermal Insulator Grip HD Handle
T470M Soft Thermal Insulator Grip HD Handle with 3m cable



Foam

T470N Nitrogen HD Handle



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

Specifications

Control Unit Dimensions	148 x 232 x 120 mm / 5.8 x 9.1 x 4.7 in
Control Unit Weight	4.9 Kg / 10.8 lb
Output Peak Power	250 W
Ref. - Voltage (AC) / Fuse	**HDE-9D** - 100 V / Input fuse: 4A **HDE-1D** - 120 V / Input fuse: 4A **HDE-2D** - 230 V / Input fuse: 2A

Temperature Range	90 - 500 ºC / 190 - 932 ºF
Idle Temp. Stability (still air)	±1.5 ºC (±3 ºF) / Meets and exceeds IPC J-STD-001F
Operating Temp. Range	10 - 50 ºC / 50 - 122 ºF
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