

JBC
The Soldering Co.



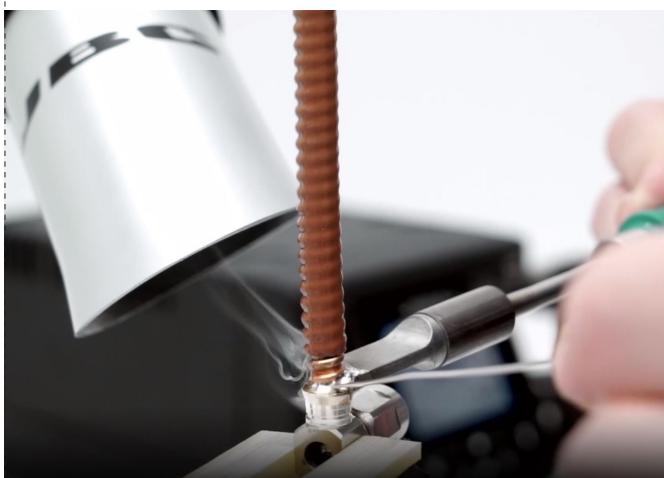
Heavy Duty Station

High power for industrial soldering applications

Heavy Duty Station

Industrial equipment ready to work intensively.

- Highest power 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 the 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 work.



Partial Counters

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



Graphics

Real-time visualization of tip temperature and power delivered to the solder joint during soldering process.



Increase productivity

Save time and work on different soldering jobs by using the Quick Cartridge Changer.



Communication Station-PC

Update station software, manage your stations via PC or export graphics.



Intelligent Heat Management

When the tool is placed on the stand the **Sleep & Hibernation Modes** reduce the temperature and extend tip life up to five times longer.



Suit position

Tool Stand 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 handle-piece preventing its rotation.

T470 HD Handle

T470S HD Handle with 3m cable



T470Z Tri-lobed Grip HD Handle



Tri-lobed shape for better handling

T470F Thermal Insulator Grip HD Handle

T470M Soft Thermal Insulator Grip HD Handle with 3m cable



Foam

T470N Nitrogen HD Handle



Nitrogen feed

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
	HDE-9D - 100 V / Input fuse: 4A
Ref. - Voltage (AC) / Fuse	HDE-1D - 120 V / Input fuse: 4A
	HDE-2D - 230 V / Input fuse: 2A

Temperature range	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 / Peripherals connectors
Tip to ground voltage and resistance	Meets and exceeds ANSI/ESD S20.20-2014 IPC J-STD-001F