

JBC

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Heavy Duty station

High power for industrial soldering applications

Why Heavy Duty?

Highest Power
250 wats
peak power

The exclusive solution
for high thermal demands
and prolonged soldering
applications

Heavy Duty station

Industrial use equipment ready to work intensively

Ref. **HDE-1B** 120 V, **HDE-2B** 230 V, **HDE-9B** 100 V

Intuitive Menu

Easy browsing for working with total comfort



Customizable station
Personalize the parameters according to your work needs.



Partial counters
Total and partial time registration for each port: work, sleep and hibernation hours.



Graphics
Optimize soldering quality by analyzing the temperature and power data.



Communication Station-PC
Update station software and export graphics via PC.



B-Net, your Soldering Network
Organize, manage and control all the stations from your PC.



Robots
Automate the soldering process by managing the station via Robot.

HDRE-B Robot station

For repetitive jobs requiring precise movements. The Converter (Ref. CHB-A) is required.



Converter
Ref. CHB-A



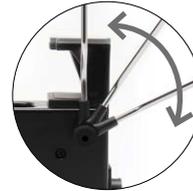
The answer to your needs

Used in production of solar panels, multi-layered circuits and components of large dissipation surfaces



Increase productivity
Save time by using the **quick cartridge changer**. This allows you to work on different soldering jobs.

Stand Extend the tip life



Intelligent Heat Management

When the tool is placed on the stand the **Sleep & Hibernation** features reduce the temperature and extend a tip's life up to 5x longer.

Suit position

The tool **holder** and the **cable collector** are easily **adjustable**.

Tip Cleaner Improve thermal transfer of the tip

Choose from 3 safe methods according to your needs: **brass wool**, **inox wool** or **sponge**. The integrated wiper also allows you to remove excess solder from the tip single-handedly.



Tip Wiper



Sponge

Specifications

Dimensions	145 x 120 x 225 mm
HDE-A Weight	6,120 Kg (13.49 lb)
KHT470A Weight	1.665 kg (3.67 lb)
Output peak power	250 W
Ref. - Voltage (AC) / Fuse	HDE-1B - 120 V / 4A
	HDE-2B - 230 V / 2A
	HDE-9B - 100 V / 4A

Temperature selection	90 - 500 °C (190 - 932 °F)
Idle Temp. Stability	±1.5 °C (±3 °F)
Tip to ground voltage	< 2 mV RMS
Tip to ground resistance	<2 ohms
Ambient operating temp.	10 - 40 °C (50 - 104 °F)
Communication connectors	USB-A, USB-B, Peripherals
Robot connector	RJ12 for RS-232 connection

Connectables

HD Thermal Tweezers

Reduce handling time

KHT470A HD Tweezers Kit

It requires 2 HDE Heavy Duty control units in order to manage the cartridges individually and optimize their thermal performance.



T470 HD Handles

For greater demands

For intensive soldering jobs requiring continued high thermal power. They feature a non-slip-grip with a good thermal insulation and a screw which fixes the cartridge and prevents rotation.

T470-A HD Purposes T470-SA HD Purposes with 3m cable



T470-ZA Tri-lobed grip



Tri-lobed shape for better handling

T470-FA Thermal Insulation Grip T470-MA Thermal Insulation Grip with 3m cable



Foam

T470-NA HD Nitrogen

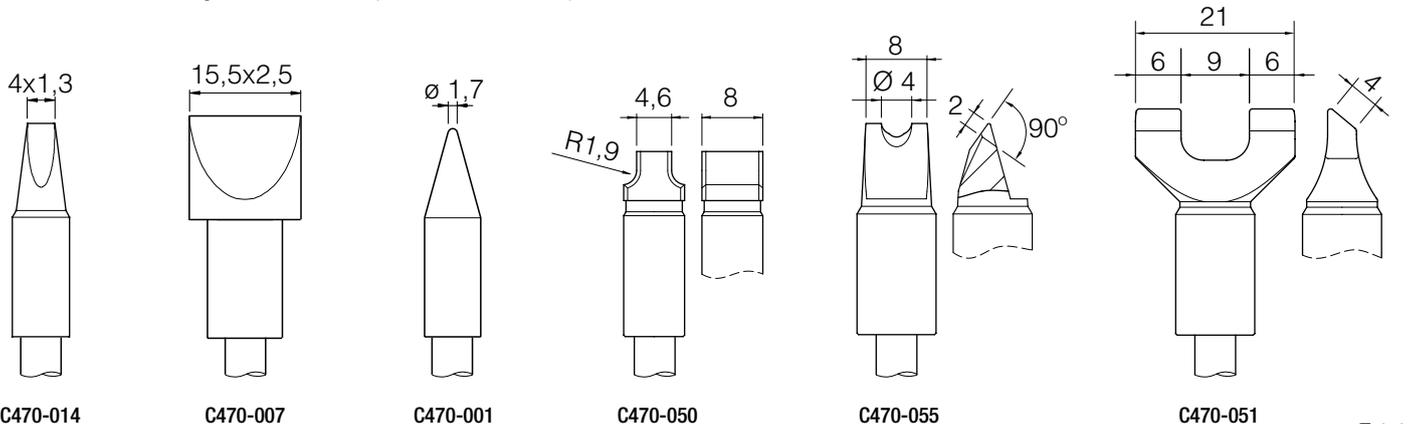


Nitrogen feed

The JBC GN-A Nitrogen Generator Module or an external nitrogen feed is needed.

C470 Cartridge range

Find the C470 cartridges that best suit your needs in www.jbctools.com



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