



JBC

www.jbctools.com

High power for industrial soldering applications
Heavy Duty station

Heavy Duty station

Industrial use equipment ready to work intensively

- ▶ Highest Power250 wats peak power
- ▶ The exclusive solution for high thermal demands and prolonged soldering applications.
- ▶ The answer to your needs. Used in production of solar panels, multi-layered circuits and components of large dissipation surfaces

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.



JBC-Net, your Soldering Network

Organize, manage and control all the stations from your PC.

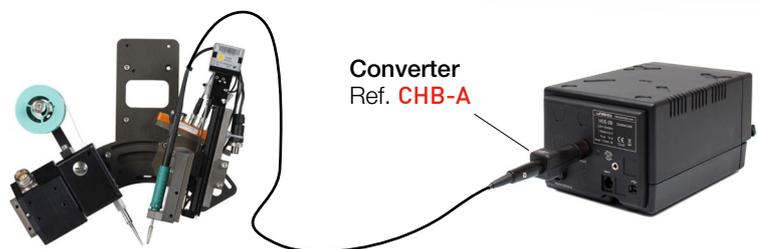


Robots

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.

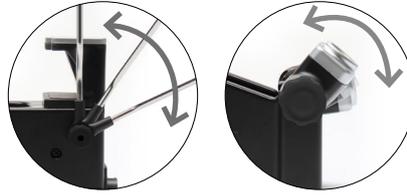


Increase productivity

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 with antispash rubber

Improve thermal transfer of the tip

The new **antispash rubber** prevents splashing of solder particles and maintain the work area clean.

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 (5.70 x 4.72 x 8.86 in) |
| HDE 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 groun 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 wand prevents rotation.

T470-A HD Purposes

T470-B Heavy Duty HD

T470-SA HD Purposes with 3m cable



T470-ZA Tri-lobed grip



Tri-lobed shape for better handling

T470-FA Thermal Insulation Grip

T470-MC Soft Thermal Insulation Grip with 3m cable



Foam

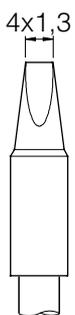
T470-NA HD Nitrogen



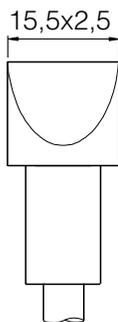
The JBC GN-A Nitrogen Generator Module or an external nitrogen feed is needed

C470 Cartridge range

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



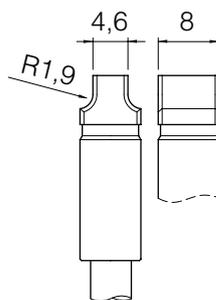
C470-014



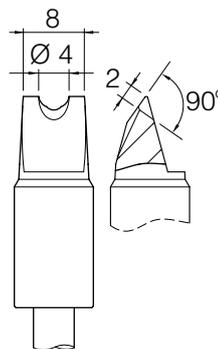
C470-007



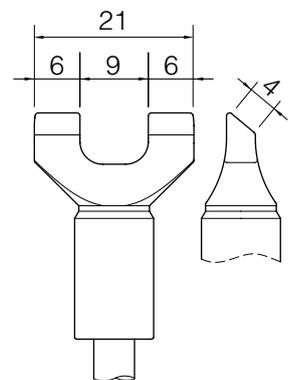
C470-001



C470-050



C470-055



C470-051

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