

JBC HDE

Heavy Duty Station

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The HDE Station is **the most powerful soldering unit in the JBC range and it is designed for soldering applications that require large amounts of heat.** Watch video for soldering examples.

It provides the best soldering quality thanks to the JBC Exclusive Heating System and, additionally, Intelligent Sleep & Hibernation Modes help to extend life of tips.

This station comes with the T470-FA Thermal Insulator HD Handle, the most comfortable HD Handle thanks to the **foam and the wider grip.** It is only compatible with C470 Cartridges.

The station also includes the CL8499 Manual Tip Cleaner, a complete cleaning system with splashguard and antisplash membrane to **keep the work area clean and free of solder particles,** and the SCH-A Cartridge Holder to store up to 16 cartridges and tips nearby.

As all JBC Stations, the Heavy Duty Station has a **fast and easy configuration menu** with more than 10 customizable parameters according to your needs, full control of soldering processes and remote work management thanks to the JBC Traceability Software. It also allows direct connection with JBC Fume Extractors.

Additionally, you can connect the Heavy Duty Tweezer Set KHT470A which provides twice the power of the T470 Handle. In this set 2 HDE-U Control Units are required.

**Don't believe us?..
TRY IT!**



REFERENCES

HDE-9D 100 V

HDE-1D 120 V

HDE-2D 230 V

SPECIFICATIONS

Selectable Temperature	90 to 500 °C / 190 to 932 °F
Idle temp. stability (still air)	±1.5°C (±3°F) Meets and exceed IPC J-STD-001F
Temp accuracy	±3% (using reference cartridge)

PRODUCT COMPOSITION

- 1 HDE-U Heavy Duty Control Unit
- 1 T470-FA Thermal Insulator Heavy Duty Handle (cartridge not included)
- 1 HD-SE Stand for T470
- 1 CL8499 Manual Tip Cleaner
- 1 SCH-A Cartridge Holder

Temp adjustment	±50°C (±90°F) Through station menu setting
CONNECTIVITY	
USB-B (rear)	Software PC / Traceability
USB-A (front)	Firmware update Soldering Graphics management
RJ12 Connector ESD/EOS	
Tip to ground vol./ resist.	Meets and exceed ANSI/ESD S20.20-2014 IPC J-STD-001F
POWER SUPPLY	
Peak power	250 W - 42 V
Ambient operating temp.	10 to 50 °C / 50 to 120 °F
DIMENSIONS AND WEIGHT	
Premium Stations	232 x 148 x 120 mm / 5.37 kg. 9.13 x 5.83 x 4.72 in / 11.84 lb.
Package	368 x 368 x 195 mm / 6.19 kg. 14.49 x 14.49 x 7.68 in / 13.65 lb.

CONNECTABLES

Modular System



MNE-A

Nitrogen Flow Regulator for DDE, DME & HDE

Compatible tools



HT470-A

Heavy Duty Thermal Tweezer



KHT470A

HD Tweezers Set



T470-A

Heavy Duty Handle



T470-SA

Heavy Duty Handle with 3m cable



T470-ZA

Tri-lobed Grip Heavy Duty Handle for better handling



T470-MC

Soft Thermal Insulator Heavy Duty Handle



T470-NA

Nitrogen Heavy Duty Handle

Stands



DN-SE

Stand for T210/T245/T470-NA

Accessories

T470-NA
NOZZLES

for T470-NA Nitrogen HD Handle