

High power supply unit 230 V for T470 - JBC HDE-2UD

Item no. WL46312

Manufacturer JBC

Most powerful supply unit of the JBC range for soldering applications with a high heat demand. The new switch-mode power supply works efficiently with the T470 handpiece and C470 tips. Temperature range 90 to 500 °C, peak power 250 W.

TECHNICAL DATA

Power	250 W
Temperature (max.)	bis 500 °C
Temperature range	90-500 °C
Weight	0.1 kg



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

The HDE station is the most powerful supply unit of the JBC range and is designed for soldering applications with a high heat demand. Its switch-mode power supply (SMPS) delivers high efficiency and works with the Most Efficient Soldering System as well as the Sleep and Hibernation modes.

BENEFITS

- Compatible with the T470 handpiece and C470 tips
- Adjustable temperature from 90 to 500 °C with dynamic soldering profiles
- Up to 25 configurable soldering profiles and three instantly selectable temperature settings
- Real-time display of tip temperature and delivered power, PIN protection and temperature limiting
- ESD safe with potential equalisation, tip to earth resistance below 2 Ohm

TECHNICAL DATA

Item no.	WL46312
Manufacturer item no.	HDE-2UD
Manufacturer	JBC

Model	HDE-2UD
Mains voltage	230 V
Temperature range	90 to 500 °C
Peak power	250 W at 42 V
Tip to earth resistance	below 2 Ohm
Tip to ground voltage	below 2 mV RMS
Ambient temperature	10 to 40 °C
Soldering profiles	up to 25 configurable
Menu languages	10
Interfaces	USB-B, USB-A, RS-232
Dimensions (LxWxH)	232 mm x 148 mm x 120 mm
Dimensions with packaging (LxWxH)	258 mm x 328 mm x 208 mm
Order unit	piece

APPLICATIONS

Soldering of assemblies with a high heat demand, such as large ground planes and heavy components, in repair, rework and production. The RS-232 interface also supports robot connection and a Smart Fume Extractor.

COMPATIBILITY AND SCOPE OF DELIVERY

Works with the T470 handpiece and C470 tips. The KHT470A high performance tweezer set requires two HDE-U control units. Supplied as 1 piece (supply unit).

ESD safe, suitable for workplaces in accordance with IEC 61340-5-1. Made in Spain.