

High power supply unit, 230 V



The HDE station is the most powerful soldering unit of the JBC series. Now its new power supply (SMPS) provides high efficiency and increased performance in soldering applications that require large amounts of heat.

- works with the JBC Most Efficient Soldering System and the intelligent Sleep & Hibernation modes
- compatible with the T470 handpiece and C470 tips
- A high performance tweezer set KHT470A is also available, which offers twice the performance of the T470 handle (2 HDE-U control units are required).
- The easy-to-use menu can be configured in 10 different languages: English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean and Chinese.
- adjustable temperature: 90 to 500°C
- Dynamic soldering profiles: allows to control the heating speed of the tool to gradually increase the temperature of the parts to be joined at all stages of the soldering process
- 25 fully configurable soldering profiles can be stored
- Sleep mode and hibernation

Products for the electronic industry



- Temperature range in which the operator may work can be limited
- Instant selection of up to 3 editable temperature settings for solder joints with different heat requirements
- Real-time visualization of peak temperature and power delivered to the solder joint during the soldering process
- PIN protection
- 10 interface languages: English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean, Chinese
- USB-B Rear: Software PC
- USB-A front: firmware update solder graphic management
- Robot: RS-232 remote control or Smart Fume Extractor connection
- Potential equalization
- ESD safe
- Resistance of the tip to earth <2 Ohm
- Tip to ground Voltage < 2 mV RMS
- Peak power 250 W - 42 V
- Ambient temperature: 10 to 40 °C

Item no.	WL46312
Model	HDE-2UD
Manufacturer	JBC
Manufacturer article no.	HDE-2UD
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei www.jbctools.com
Length	232 mm
Width	148 mm
Height	120 mm
Length with packaging	258 mm
Width with packaging	328 mm
Height with packaging	208 mm
Scope of delivery	1 HDE-2UD control unit
Sales unit	1 piece
Content unit	1 piece
Incl. battery	no
Power	250 W
Voltage	230 V
Temperature range °C	90 – 500 °C

ESD compliant

yes

