JBC DDU
2-Tool Control Unit

This control unit operates with **2 soldering or desoldering tools simultaneously** and is fully compatible with 10 different JBC Tools delivering up to 150 W per tool.

It works with JBC Exclusive Heating System and Sleep & Hibernation Modes.

The control unit features **JBC Dynamic Soldering Profile** functionality, designed to **avoid thermal shock when soldering** ceramic chip components like MLCC.

Take advantage of all the Excellence Range **benefits such as station customization, full control of soldering processes and remote work management**.

The **easy-to-use menu is configurable in 10 different languages**: English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean and Chinese.

Additionally, the USB connector allows you to update the software, create graphs and manage parameters from a PC.

For a basic working system, you need at least 1 stand, 1 tool and 1 cartridge.

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

FREE TEST 30 DAYS

REFERENCES

DDE-9C 100 V
DDE-1C 120 V
DDE-2C 230 V

SPECIFICATIONS

SELECTABLE PARAMETERS

Selectable Temperature	90 to 450 ºC / 190 to 840 ºF
Dynamic Soldering Profiles	Designed to avoid thermal shock when soldering Ceramic Chip components like MLCC, this new and unique feature allows controlling the heating ramp up rate of the tool to gradually increase the temperature of the component through all the phases of the soldering process. Up to 25 fully configurable soldering profiles can be stored.

SPECIAL FEATURES

Sleep and Hibernation mode	These modes lower soldering tip temperature when the tool rests in the stand in order to avoid oxidation and extending tip life.
Max. and min. temperature	Limit the temperature range in which the operator is allowed to work.
Temperatue levels	Instant selection of up to 3 editable temperature settings for solder joints with different heat requirement.
Soldering graphics	Real time visualization of tip temperature and power delivered to the solder joint during soldering process.
PIN protection	Keep station parameters protected against unauthorized access.
10 user interface languages	English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean, Chinese.

CONNECTIVITY

USB-B (rear)	Software PC / Traceability
USB-A (front)	Firmware update Soldering Graphics management
Robot	RS-232 remote control or Smart Fume Extractor connection.
Equipotential bonding	

ESD/EOS
ESD safe

POWER SUPPLY

Peak power	150 W per tool – 23.5 V
Ambient operating temp.	10 to 50 ºC / 50 to 122 ºF

DIMENSIONS AND WEIGHT

Control Unit	232 x 148 x 120 mm / 3.82 kg. 9.13 x 5.83 x 4.72 in / 8.41 lb.
Package	258 x 328 x 208 mm / 4.27 kg. 10.16 x 12.91 x 8.19 in / 9.41 lb.