

Control box 245 for automated soldering, 90-450 °C - JBC UCR245-5A

Item no. WL42701

Manufacturer JBC

For automated soldering processes with standard requirements, the UCR245 control box manages the TR245 and TRA245 irons running R245 cartridges. More than 40 commands govern temperature, sleep and hibernation and integrate the unit into a robot, PC or PLC through the communication protocol. The selectable 90 to 450 °C range and ESD-safe design keep results repeatable.

TECHNICAL DATA

Power	150 W
Temperature (max.)	bis 450 °C
Temperature range	90-450 °C
Weight	0.1 kg



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

The UCR245 control box powers and manages automated soldering processes with standard requirements and drives the TR245 and TRA245 irons running R245 cartridges. Using a downloadable communication protocol it integrates into a robot, PC or PLC and offers more than 40 commands for process control.

BENEFITS

- More than 40 commands for temperature, sleep, hibernation and control box status
- Selectable temperature from 90 to 450 °C for repeatable soldering results
- Peak power of 160 W at 21 V for fast heat recovery
- ESD safe with BNE/EOS equipotential bonding and tip-to-ground resistance below 2 Ohm
- Tool and serial communication connectors for integration into automation cells

TECHNICAL DATA

Item no.	WL42701
Manufacturer item no.	UCR245-5A

Manufacturer	JBC
Model	UCR245-5A
Temperature range	90-450 °C
Peak power	160 W - 21 V
Equipotential bonding	BNE/EOS
Tip-to-ground resistance	below 2 Ohm
Ambient temperature	10-40 °C
Connections	Tool connector M16-8 pins, serial communication M8-5 pins
ESD safe	yes
Order unit	piece

APPLICATIONS

Automated soldering cells and inline processes under robot or PLC control that run the TR245 and TRA245 irons with R245 cartridges.

COMPATIBILITY AND SCOPE OF DELIVERY

Compatible with the TR245 and TRA245 automatic irons and the R245 cartridges. For integration JBC offers the HA245A-5B general purpose soldering unit. Supplied as the UCR245-5A control box, 1 piece.

ESD safe in accordance with IEC 61340-5-1. Made in Spain.