

Soldering station B-Iron 500 Dual with 2x B.500 Tool, without portable display



B.IRON DUAL 500 was specially developed for continuous use in mass production.

It performs up to 500 medium-sized SMD solder joints per charge.

By adding an additional tool, this station can be converted into a double tool station. Both tools can be controlled in real time.

Included in the scope of delivery:

- B.500 tool (2 pieces), which is fully compatible with the C210 cartridge range. It also has an energy-saving mode that can be activated by putting on the cap.
- Charging station for automatic charging of the cabin tools when they are placed in the tool holder.
- Attention: Portable display is not included in the scope of delivery

It also has a quick cartridge changer that enables safe and easy cartridge changes, a tip

cleaner with brass wool and a spray protection membrane.

Charging station

Input voltage: 100 V - 240 V, 50/60 Hz

Power: 40 W

Tool output: 12 V / 1500 mA

USB output: 5 V / 1000 mA

Tool output

Peak output power: 24 W

Battery: Li-Ion 7.4 V / 750 mAh

Charging time: 60 minutes

Selectable temperature: 100 to 450 °C / 210 to 840 °F

Temperature stability at idle (with still air): ± 1.5 °C / ± 3 °F

Temperature accuracy: ± 3 % (when using a reference cartridge)

Connectivity: Bluetooth Low Energy (BLE)

Ambient temperature: 10 to 50 °C / 50 to 122 °F

Weight of the device: 70 g / 0.154 lb

CONSOLE

Screen size: 8.6"

Connectivity: Bluetooth 5.0

Battery: Li-Ion 3.7 V / 5000 mAh

Weight and dimensions

B.IRON battery-powered system

233 x 202 x 211 mm / 2.23 kg.

9.17 x 7.95 x 8.31 in / 4.92 lb.

Packaging

265 x 243 x 160 mm / 2.85 kg.

10.43 x 9.57 x 6.30 in / 6.28 lb.

ESD Note:

All B.IRON components comply with CE standards, but the tool itself is not grounded. Therefore, to comply with ESD regulations, the user of the B.IRON tool must be ESD grounded.

Item no.	WL92433
Model line	B-IRON
Manufacturer	JBC
Manufacturer article no.	BISS-5QC

GPSR manufacturer data

JBC Soldering SL
 Ramón y Cajal 3
 ES-08750 Molins De Rei
 www.jbctools.com

Length	233 mm
Width	21 mm
Height	202 mm
Sales unit	1 piece
Content unit	1 piece
Incl. battery	yes
Power	40 W
Voltage	100 – 240 V
Temperature range °C	100 – 450 °C
Temperature accuracy °C	± 3 %
Station (type)	soldering station
ESD compliant	yes