

## Soldering station B-Iron 500 Dual with 2x B.500 Tool, with portable display



B.IRON DUAL 500 has been 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 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 to automatically charge the cab tools when they are placed in the tool holder.
- Portable 8.6-inch display with the B.IRON app

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):  $\pm 1.5$  °C /  $\pm 3$  °F

Temperature accuracy:  $\pm 3$  % (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.	<b>WL92432</b>
Model line	B-IRON
Manufacturer	JBC
Manufacturer article no.	BISS-5C

#### Products for the electronic industry



## 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

