B-Iron 500 soldering station with B.500 tool, without portable display



B.IRON 500 was specially developed for electronics production and intensive work.

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

Included in the scope of delivery:

• B.500 tool, 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.
• BCB charging station to automatically charge the tool when it is placed in the tool holder.
• Attention: Portable display is not included in the scope of delivery!

It also has a quick cartridge changer for 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 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: 10-50 °C / 50-122 °F
Weight of the tool: 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
202 x 200 x 211 mm / 2.08 kg.
7.95 x 7.87 x 8.31 in / 4.59 lb.

Packaging
265 x 243 x 160 mm / 2.65 kg.
10.43 x 9.57 x 6.30 in / 5.84 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.	**WL92419**
Model line	B-IRON
Manufacturer	JBC
Manufacturer article no.	BIS-5QC
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei

	www.jbctools.com
Length	202 mm
Width	211 mm
Height	200 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