B-Iron soldering station with B.100 Light Tool, without portable display



Easy battery-powered soldering.

B.IRON 100 is a light and ergonomic tool specially developed for research and development purposes as well as for individual work.

It performs up to 100 medium-sized SMD solder joints per charge.

Included in the scope of delivery:

• B.100 Light Tool, which is fully compatible with the C210 cartridge range. It also has an energy-saving mode that can be activated by replacing the cap.
• BCB charging station for automatic charging of the tool when it is placed in the tool holder.
• Attention: 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 / 1000 mA
USB output: 5 V / 1000 mA

Tool:
Peak output power: 24 W
Battery: Li-Ion 7.4 V / 180 mAh
Charging time: 30 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: 35 g / 0.077 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 / 2.10 kg.
7.95 x 7.87 x 8.31 in / 4.63 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.	**WL92417**
Model line	B-IRON
Manufacturer	JBC

Manufacturer article no.	BIL-5QB
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