

B-Iron soldering station with B.NANO tool, with portable display



B.IRON NANO is a lightweight and ergonomic tool that offers maximum precision when soldering SMDs.

The short distance between tip and handle provides exceptional control for delicate work, and the unprecedented freedom of movement optimizes working under a magnifying glass or in areas away from the workbench.

Up to 120 small SMD solder joints can be produced per battery charge.

Included in the scope of delivery:

- B.NANO Nano tool, which is fully compatible with the C115 cartridge range. It also has a pen-like clip for easier transportation and 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.

- HPTE0C9SA High precision tweezers with ESD epoxy coating. Designed to hold small components securely.
- PDS Portable Display 8.6" with B.IRON App

It also features a quick cartridge changer for safe and easy cartridge changes, a tip cleaner with brass wool and a spray protection membrane.

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 output

Peak power: 15 W

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

Temperature accuracy: ± 3 % (with reference cartridge)

Battery: Li-Ion 7.4 V / 120 mAh

Charging time: 30 minutes

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

Weight: 35 g / 0.08 lb

ESD-safe: Complies with ANSI/ESD S20.20

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 / 2.15 kg.

7.95 x 7.87 x 8.31 inches / 4.74 lb.

Packaging:

265 x 243 x 160 mm / 2.72 kg.

10.43 x 9.57 x 6.30 inches / 6.00 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.

WL92412



Model line	B-IRON
Manufacturer	JBC
Manufacturer article no.	BIN-5B
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