B-Iron soldering station with 2x B.NANO tool, with portable display



B.IRON DUAL NANO has two lightweight and ergonomic tools that offer 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.

This station can be converted into a double tool station by adding an additional tool. Both tools can be controlled in real time.

Included in the scope of delivery:

• B.NANO tool (2 pieces) which is fully compatible with the C115 cartridge range. It also

features a pen-like clip for easier transportation and an energy-saving mode that can be activated by putting on the cap.
• 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.
• Portable 8.6-inch display PDS 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 splash guard 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:
215 x 199 x 211 mm / 2.25 kg.
8.46 x 7.83 x 8.31 inches / 4.96 lb.
Packaging:
265 x 243 x 160 mm / 2.85 kg.
10.43 x 9.57 x 6.30 inches / 6.28 lb.

ESD Note:
All B.IRON components comply with CE standards, but the tool itself is not grounded. To comply with ESD regulations, the user of the B.IRON tool must therefore be grounded in an ESD-compliant manner.

Item no.	WL92429
Model line	B-IRON
Manufacturer	JBC
Manufacturer article no.	BINN-5B
GPSR manufacturer data	JBC Soldering SL Ramón y Cajal 3 ES-08750 Molins De Rei www.jbctools.com
Length	215 mm
Width	211 mm
Height	199 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