

B.IRON NANO Battery-Powered Nano Soldering Station

Take control of your tool with your own device

B.IRON NANO features a **lightweight and ergonomic tool**, providing the highest precision for soldering SMDs.

The short-distance tip-to-grip ensures **exceptional control for meticulous tasks** and its unprecedented freedom of movement optimizes **working under a magnifying glass or in areas away from the workbench**

It performs up to **120 small SMD soldering joints** per charge.

Included:

- **B.NANO Nano Tool**, which is fully compatible with **C115** Cartridge Range. It also has a **pen-style clip** for easier carrying and a **power safe** mode that can be activated by **putting on the cap**
 - **BCB Charging-Base** for charging the tool automatically when placed in Tool Holder.
 - **HPTE0C9SA** High-Precision Tweezers with ESD Epoxy Coating. Designed to firmly hold small components.
- It also features **Quick Cartridge Exchanger**, enabling a safe and easy cartridge change, **Tip Cleaner** with Brass Wool and Antisplash Membrane.
- **PDS Portable Display 8.6"** with B.IRON app is included in BIN-5B reference.

Find **more information** about features of B.IRON.



REFERENCES

BIN-5B - With Portable Display

BIN-5QB - Without Portable Display

PRODUCT COMPOSITION

- 1 - Instruction Manual
- 1 - BCB Charging-Base
- 1 - B.IRON Nano Tool
- 1 - C115101 Conical
- 1 - C115113 Chisel 1 x 0.3
- 1 - B1596 Safety Cap
- 1 - HPTE0C9SA High-Precision Tweezers

SPECIFICATIONS**Stand**

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 power	15 W
Selectable temperature	100 to 450 °C / 210 to 840 °F
Temperature accuracy	± 3% (using reference cartridge)
Battery	Li-Ion 7.4 V / 120 mAh
Charge time	30 minutes
Ambient Operating Temp	10 - 50 °C / 50 - 122 °F
Weight	35 g / 0.08 lb
ESD safe	Meet ANSI/ESD S20.20

CONSOLE

Screen size	8.6"
Connectivity	Bluetooth 5.0
Battery	Li-Ion 3.7 V / 5000 mAh

WEIGHT AND DIMENSIONS

Control Unit	202 x 200 x 211 mm / 2.15 kg 7.95 x 7.87 x 8.31 in / 4.74 lb
Package	265 x 243 x 160 mm / 2.72 kg 10.43 x 9.57 x 6.30 in / 6.00 lb