

B.IRON DUAL NANO Dual Battery-Powered Nano Soldering Station

Take control of your tool with your own device

B.IRON DUAL NANO features **two lightweight and ergonomic tools** , 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**

This station converts into a **dual-tool station** by adding an extra tool. **Both tools can be controlled in real time.**

Included:

- **B.NANO Tool (x2)**, 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**
 - **Charging-Base** for charging 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 BINN-5B reference.

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

Android Installer Download

Portable Display compatible version:

- **PDS-C**
- PDS-B (discontinued)

x

Update

ATTENTION: Not compatible with PDS-A (discontinued).



REFERENCES

BINN-5B - With Portable Display

BINN-5QB - Without Portable Display

B.IRON DUAL NANO Dual Battery-Powered Nano Soldering Station



PRODUCT COMPOSITION

- 1 - Instruction Manual
- 1 - BCB Charging-Base
- 2 - B.IRON Nano Tool
- 1 - C115101 Conical
- 1 - C115103 Conical
- 2 - C115105 Conical Bent
- 1 - C115107 Conical
- 1 - C115112 Knife 2.5 x 0.3
- 2 - C115113 Chisel 1 x 0.3
- 2 - B1596 Safety Cap
- 1 - HPTE0C9SA High-Precision Tweezers

B.IRON DUAL NANO Dual Battery-Powered Nano Soldering Station



SPECIFICATIONS

CHARGING BASE

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

Peak power	15 W
Battery	Li-Ion 7.4 V / 120 mAh
Charge time	30 minutes
Selectable temperature	100 to 450 °C / 210 to 840 °F
Idle temp. stability (still air)	±1.5 °C / ±3 °F
Temperature accuracy	± 3% (using reference cartridge)
Connections	Bluetooth Low Energy (BLE)
Ambient Operating Temp	10 - 50 °C / 50 - 122 °F
Tool Weight (w/o cap)	35 g / 0.08 lb
ESD safe	Meet ANSI/ESD S20.20

CONSOLE

Screen size	8.6"
Operating System	Android 14
Connectivity	Bluetooth 5.0
ROM Storage Capacity	64 GB
RAM System Memory	4 GB
Battery	Li-Ion 3.7 V / 5000 mAh
Charging Current	5 V / 2 A

WEIGHT AND DIMENSIONS

Control Unit	215 x 199 x 211 mm / 2.25 kg
	8.46 x 7.83 x 8.31 in / 4.96 lb
Package	265 x 243 x 160 mm / 2.85 kg
	10.43 x 9.57 x 6.30 in / 6.28 lb