

B.IRON REWORK Dual Battery-Powered Rework Station

Take control of your tool with your own device

B.IRON REWORK Station ideal for soldering and reworking the smallest SMD.

Provides the **highest precision when rework SMDs**

Included:

- **B.NANO Nano Tool** has a **pen-style clip** for easier carrying and a **power safe mode** that can be activated by **putting on the cap**
- **B.TWEEZERS Nano Tweezers** . It performs up to **60 SMD rework process** per charge.
- Fully compatible with **C115 Cartridge Range**.
- **Charging-Base** for charging tool automatically when placed in Tool Holder.
- **HPTE0C9SA** High-Precision Tweezers with ESD Epoxy Coating for require holding small components firmly.

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 BINP-5B reference.

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

Android Installer Download

Portable Display compatible version:

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

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Update

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



REFERENCES

BINP-5B - With Portable Display

BINP-5QB - Without Portable Display

PRODUCT COMPOSITION

- 1 - Instruction Manual
- 1 - BCB Charging-Base
- 1 - B.TWEEZERS Nano Tweezers
- 1 - 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
- 1 - B1596 Safety Cap
- 1 - HPTE0C9SA High-Precision Tweezers

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

NANO 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

NANO TWEEZERS

Peak power	15 W
Battery	Li-Ion 7.4 V / 180 mAh
Charge time	45 minutes
Selectable temperature	100 to 450 °C / 210 to 840 °F
Idle temp. stability (still air)	±1.5 °C / ±3 °F
Temperature accuracy	± 3%
Connectivity	Bluetooth Low Energy (BLE)
Ambient Operating Temp	10 - 50 °C / 50 - 122 °F
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

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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 / 2.88 kg
	10.43 x 9.57 x 6.30 in / 6.35 lb