

Take control of your tool with your own device

B.IRON 500 is specially designed for **electronic production and intensive works**

It performs up to **500 medium-sized SMD soldering joints** per charge.

Included:

- **B.500 Tool** , which is fully compatible with **C210 Cartridge Range**.

It also has 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.

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 BIS-5C 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

BIS-5C - With Portable Display

BIS-5QC - Without Portable Display

PRODUCT COMPOSITION

- 1 - Instruction Manual
- 1 - BCB Charging-Base
- 1 - B.500 Tool
- 1 - C210001 Conical Cartridge
- 1 - B1596 Safety Cap

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

Output peak power	24 W
Battery	Li-Ion 7.4V / 750 mAh
Charge time	60 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	70 g / 0.154 lb

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	202 x 200 x 211 mm / 2.08 kg
	7.95 x 7.87 x 8.31 in / 4.59 lb
Package	265 x 243 x 160 mm / 2.65 kg
	10.43 x 9.57 x 6.30 in / 5.84 lb