

B.IRON 100 Light Battery-Powered Soldering Station

Take control of your tool with your own device

B.IRON 100 features a **lightweight and ergonomic tool**, specially designed for R&D and individual jobs.

It performs up to **100 medium-sized SMD soldering joints** per charge.

Included:

- **B.100 Light 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 BIL-5B reference.

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



REFERENCES

BIL-5B - With Portable Display

BIL-5QB - Without Portable Display

PRODUCT COMPOSITION

1 - Instruction Manual

1 - BCB Charging-Base

1 - B.100 Light 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 / 1000 mA
USB output	5 V / 1000 mA

Tool

Output peak power	24 W
Battery	Li-Ion 7.4 V / 180 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	35 g / 0.077 lb

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 / 2.10 kg
	7.95 x 7.87 x 8.31 in / 4.63 lb
Package	265 x 243 x 160 mm / 2.65 kg
	10.43 x 9.57 x 6.30 in / 5.84 lb