

JBC

The Soldering Co.



B·IRON

All the power and control
in a revolutionary Battery-Powered System

Matronic
ELECTRONIC PRODUCTION TECHNOLOGY

B·IRON

The easiest way of soldering

Our technology lets you work without any limitations

Monitor and control

Download B-IRON App onto your own phone



Cartridge Exchanger

Tip Cleaning

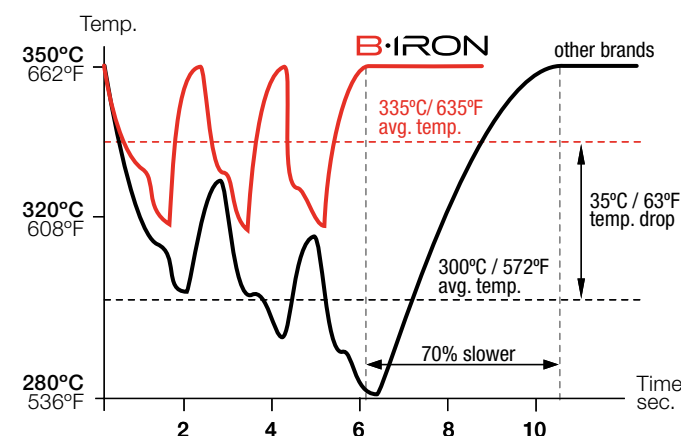
Tool Holder & Charger

Portability



Most Efficient Soldering System

B·IRON uses **JBC** Exclusive Heating System, which ensures an extremely quick temperature recovery reaching 350°C in less than 3 seconds.



The best solution to suit your needs

Revolutionize your soldering experience with an ergonomic iron designed to provide unique freedom in usage and versatile functionality for an optimized performance.



B-NANO Nano Handle

- Ergonomic & Lightweight
- Labs and R&D
- High-Precision Soldering in hard-to-reach areas

B-TWEEZERS Nano Tweezers

- Comfort & Precision
- Labs and R&D
- Rework Jobs

B-100 Light Handle

- Ergonomic & Lightweight
- Labs and R&D
- Individual Jobs

B-500 Handle

- Power & Capacity
- Production
- Intensive Jobs

Where mobility is the key

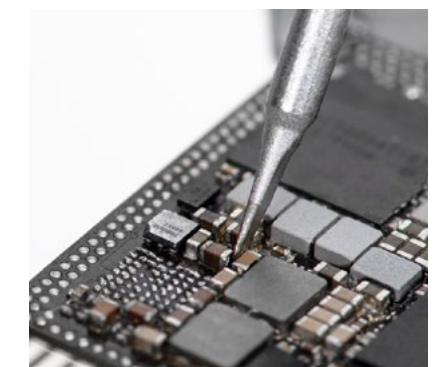
Experience unbeatable freedom of movement with the B-IRON system, designed to eliminate space limitations and provide maximum flexibility in your workspace.

Exclusive tip shapes for hard-to-reach areas

JBC tip shapes provide precise access to hard-to-reach areas, making them ideal for intricate work in tight spaces. These specialized tips improve control and efficiency, perfect for tackling demanding tasks with ease.

The Shortest tip-to-grip distance

The handles are designed to enhance control and precision, bringing your hand closer for better accuracy and less fatigue, ideal for tasks needing fine detail and careful handling.



Battery-Powered Stations



B-IRON NANO
Battery-Powered Nano Soldering Station
High-Precision Soldering in hard-to-reach areas.

B-IRON TWEEZERS
Battery-Powered Rework Station
Highest precision when reworking SMDs.

B-IRON 100
Light Battery-Powered Soldering Station
Designed for R&D and individual jobs.

B-IRON 500
Battery-Powered Soldering Station
For electronic production and intensive jobs.

The backup B-IRON DUAL system ensures continuous work in mass production



B-IRON DUAL NANO
Battery-Powered Nano Soldering Station
Unparalleled precision on two workbenches simultaneously.

B-IRON REWORK
Battery-Powered Rework Station
Rework SMDs without stopping.

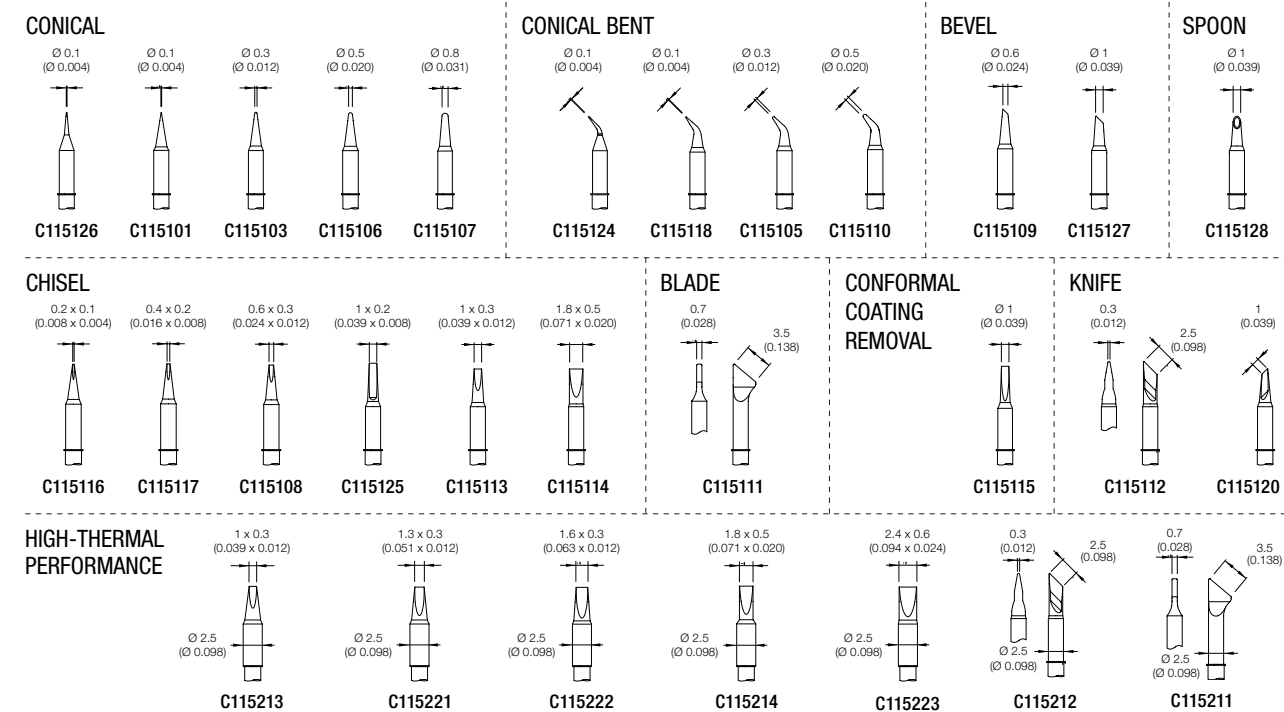
B-IRON DUAL 500
Dual Battery-Powered Soldering Station
Allows continuous work in mass production.

Expansion Kits

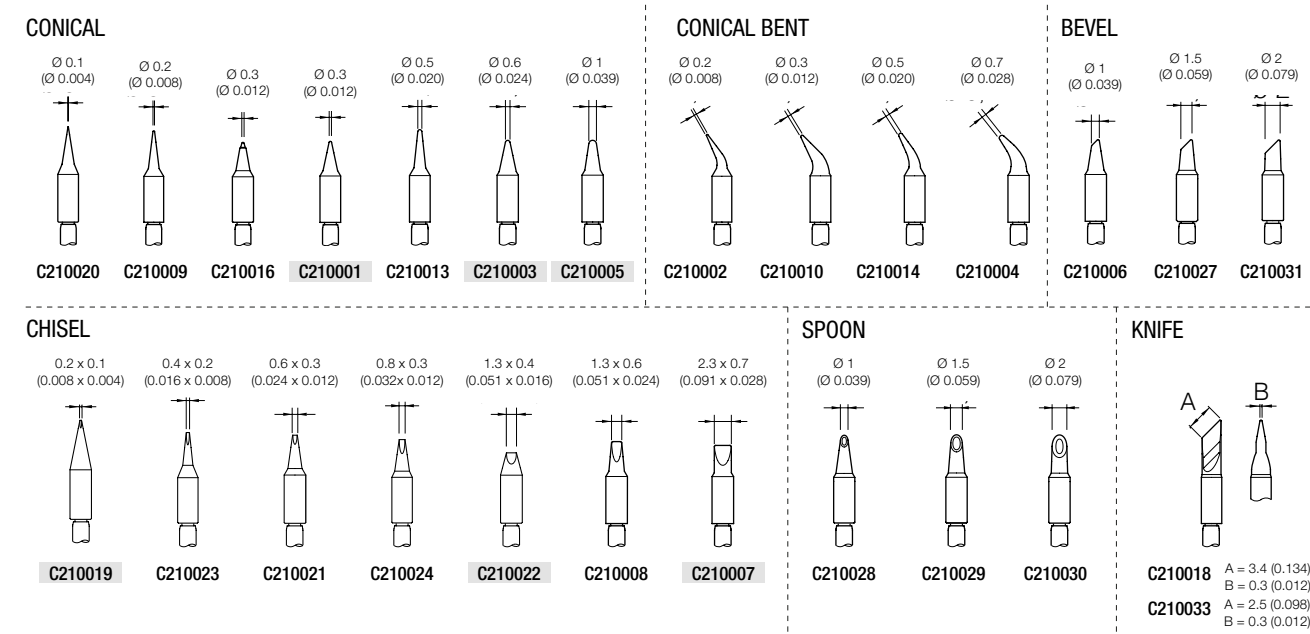
Easily expand its capabilities with our Expansion Kits, allowing you to add an extra tool and create the perfect setup for any task.



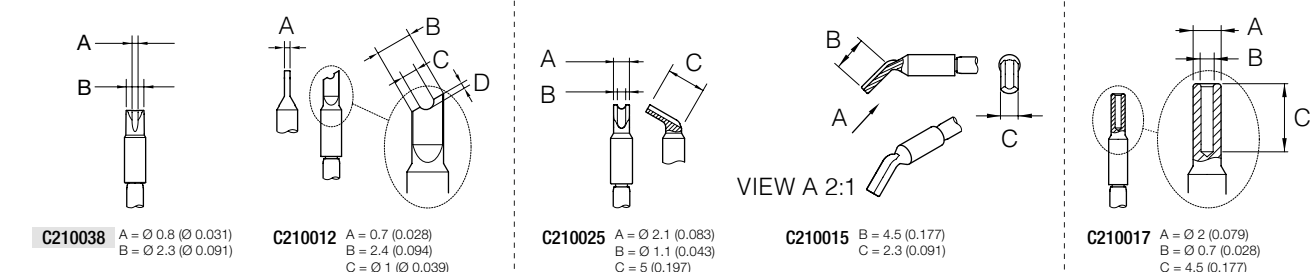
C115 Cartridge Range



C210 Cartridge Range



THROUGH-HOLE AND CABLE SOLDERING



C000000 High Thermal Efficiency Cartridges: These are characterised by their optimised tip geometries which achieve improved thermal efficiencies of up to 40%.