



**JBC**  
The Soldering Co.



## Nano Stations

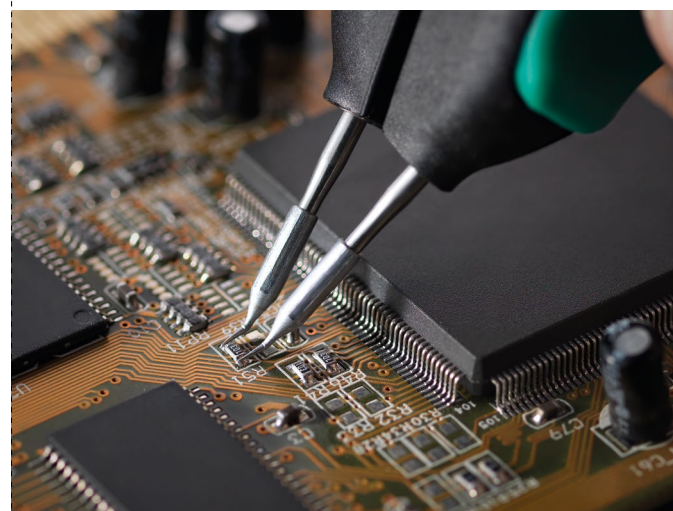
When the highest precision is your priority



# Nano Stations Rework beyond limits

Designed for highest precision applications offering maximum control working under the magnifying glass.

- The best solution for **soldering and desoldering very small-sized components** such as chips 01005, 0201, 0402, etc.
- JBC has become the **best choice for electronics professionals**.
- Nano Stations work with JBC Most Efficient Soldering System, which **improves the soldering quality**.



## Intuitive menu and interface

The menu is **intuitive and easy to use** thanks to the improved interface usability.

It allows you to personalize over 20 parameters to help manage the soldering process. Set temperature limits, check usage counters, lock the station parameters with a PIN or program **Hibernation Mode**.

The working screen shows the **selected tool** with its corresponding port, the **working temperature** of the tip and the **power** indicator at a glance.

## Cleaning & exchanger set (x2)

It consists of a **Tip Cleaning Stand** and a **Quick Cartridge Exchanger** which can be used single-handedly.

Each set can accommodate a different cleaning system and allows you to organize cartridges according to the job. This means you **save time** and **increase productivity**.

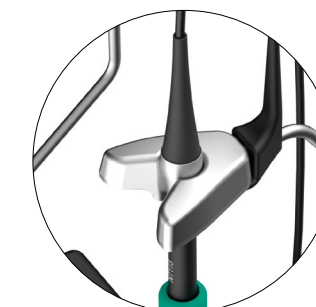
The cleaning & exchanger sets are **replaceable** and can be easily emptied.

## High-precision tools

**NT115 Nano Handle** and **AN115 Adjustable Nano Tweezers** are light and ergonomic.

The short-distance tip-to-grip provides greater manual control of the tool, including when using a microscope. The grip also offers a soft and comfortable feel and prevents the fingers from sliding down.

The adjusting system of the nano tweezers guarantees that the cartridges are vertically aligned.



## Intelligent Heat Management

When the tool is placed back in the stand, **Hibernation Mode** is automatically activated. The power is cut off and the tip cools down to room temperature, **increasing tip life by more than 5 times**.



## Communication

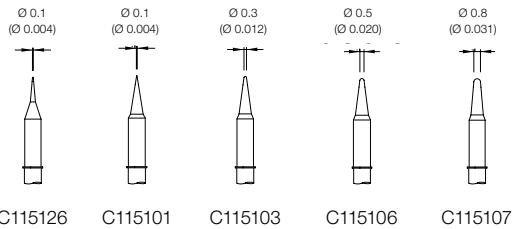
Connect your station via USB cable to a PC and get to control and trace your soldering production. Peripherals can also be directly connected.

- **USB Connection** - Software updates, export graphics and manage station parameters.
- **FAE / Robot Connector** - automatically activate fume extraction when the tools are in use or remotely control the station using an RS-232 connection with JBC Robot protocol.
- **Pedal** - make the tool enter **Hibernation Mode** by pushing down the pedal.

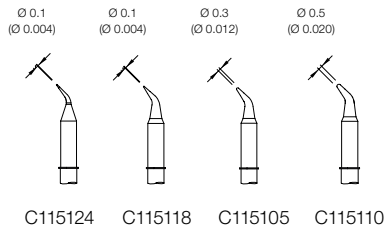
# Cartridges for Nano Tools

## C115 Cartridge Range

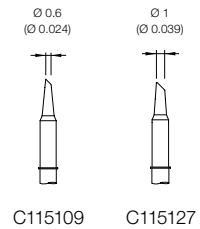
### CONICAL



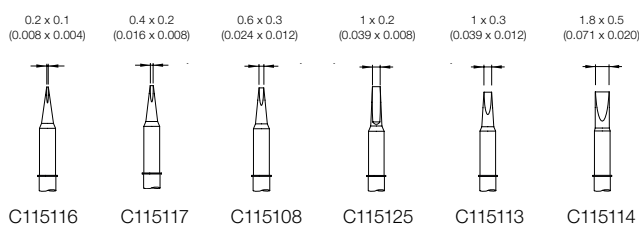
### CONICAL BENT



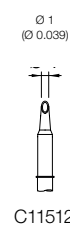
### BEVEL



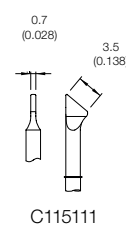
### CHISEL



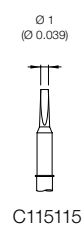
### SPOON



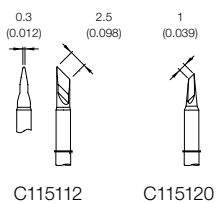
### BLADE



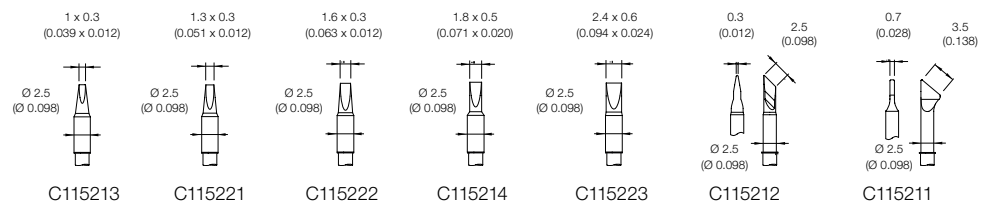
### CONFORMAL COATING REMOVAL



### KNIFE



### HIGH-THERMAL PERFORMANCE



Does your soldering application require a special tip design?

Feel free to contact us at [customtips@jbctools.com](mailto:customtips@jbctools.com) and let us customize the best tip for your process.

## NASE & NANE Specifications

|                         |                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Dimensions              | 170 x 90 x 135 mm / 6.69 x 3.54 x 5.31 in                                                                                     |
| Weight                  | 2.5 Kg / 5.4 lb                                                                                                               |
| Ref. - Voltage (AC)     | <b>NASE-9C / NANE-9C</b> - 100V 50/60Hz<br><b>NASE-1C / NANE-1C</b> - 120V 50/60Hz<br><b>NASE-2C / NANE-2C</b> - 230V 50/60Hz |
| Output peak power       | 14 W per tool                                                                                                                 |
| Ambient operating temp. | 10 - 50 °C / 50 - 122 °F                                                                                                      |

|                                    |                                                               |
|------------------------------------|---------------------------------------------------------------|
| Temperature range                  | 90 - 450 °C / 190 - 840 °F                                    |
| Idle temp. stability (still air)   | ± 1.5 °C (± 3 °F) / Meets and exceeds IPC J-STD-001F          |
| Tip-to-ground voltage / resistance | Meets and exceeds<br>ANSI / ESD S20.20-2014<br>IPC J-STD-001F |
| Connections                        | USB-A / USB-B / Pedal / RJ12 for Robots                       |

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ESD safe

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