

JBC

The Soldering Co.



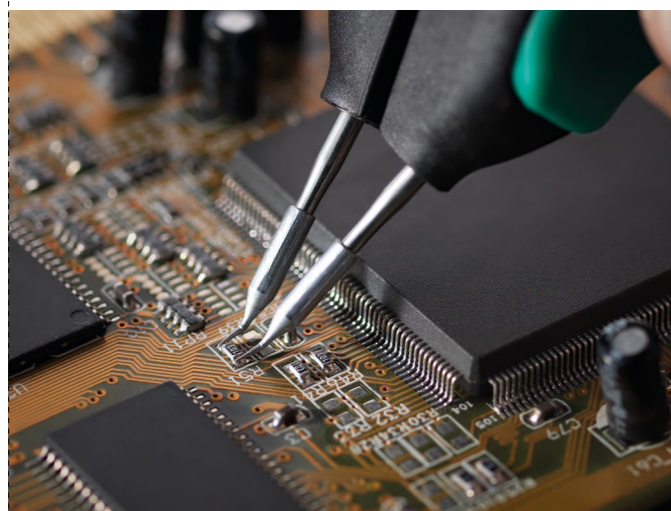
Nano Stations

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**.

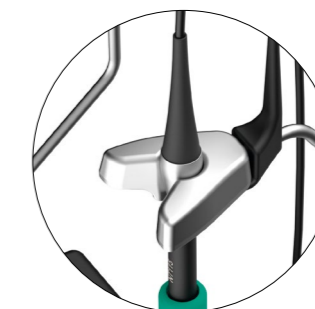
The cleaning & exchanger sets are **replaceable** and can be easily emptied.

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

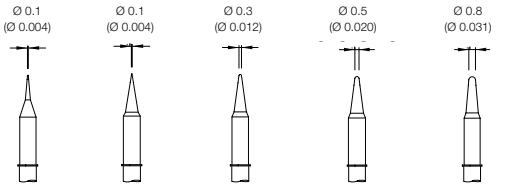
Connect your station via USB cable to a PC and get to control and trace your soldering production. Peripherals can also be directly connected.

- **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

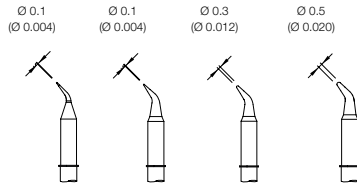
C115 Cartridge Range

CONICAL



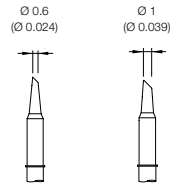
C115126 C115101 C115103 C115106 C115107

CONICAL BENT



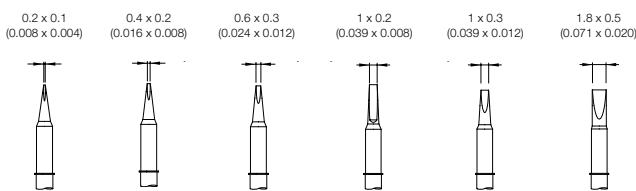
C115124 C115118 C115105 C115110

BEVEL



C115109 C115127

CHISEL



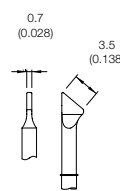
C115116 C115117 C115108 C115125 C115113 C115114

SPOON



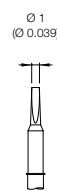
C115128

BLADE



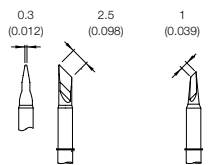
C115111

CONFORMAL COATING REMOVAL



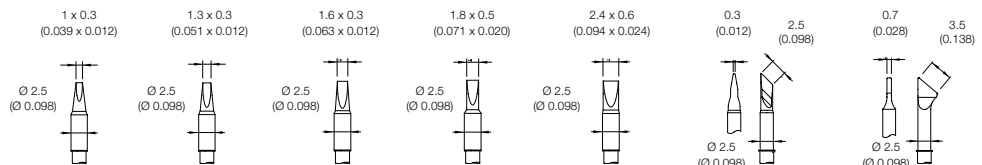
C115115

KNIFE



C115112 C115120

HIGH-THERMAL PERFORMANCE



C115213 C115221 C115222 C115214 C115223 C115212 C115211

Does your soldering application require a special tip design?

Feel free to contact us at 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)	NASE-9C / NANE-9C - 100V 50/60Hz NASE-1C / NANE-1C - 120V 50/60Hz NASE-2C / NANE-2C - 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 ANSI / ESD S20.20-2014 IPC J-STD-001F
Connections	USB-A / USB-B / Pedal / RJ12 for Robots

