

JBC

The Soldering Co.

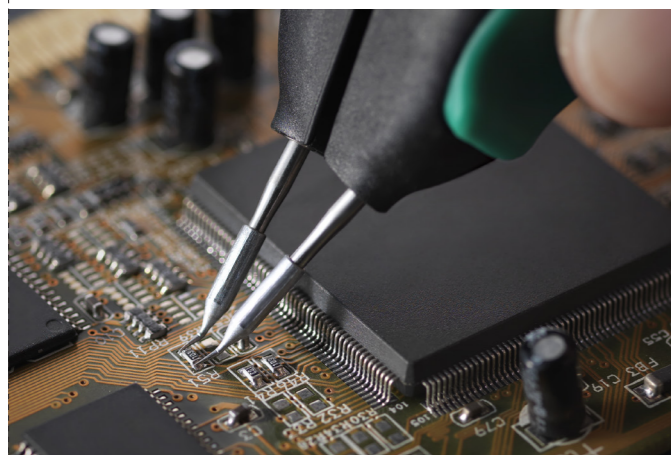


Nano Stations

When the highest precision is your priority

For applications requiring the **highest precision**

- The best solution for soldering and desoldering very small-sized components such as chips 01005, 0201, 0402, etc.



The most exceptional technology

- JBC has become the best choice for electronics professionals.
- See for yourself JBC Exclusive Heating System and its outstanding thermal performance.

TFT screen

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 **Sleep & Hibernation Modes**.

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

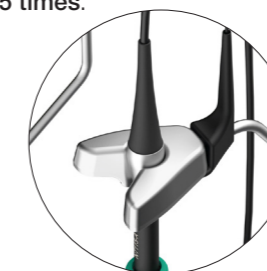
Cleaning & extraction set (x2)

It consists of a **Tip Cleaning Stand** and a **Quick Cartridge Extractor** 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 system is **replaceable** and can be easily emptied.



Intelligent Heat Management

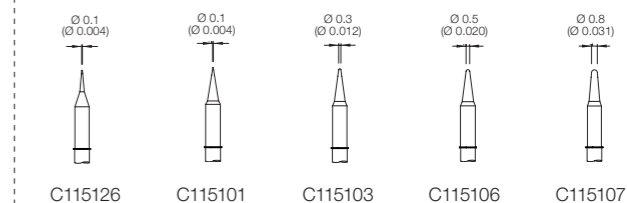
When the tool is placed back in the stand, **Hibernation Mode** is automatically activated. The power is cut off and the tip cools down to room temperature, **increasing tip life by more than 5 times**.



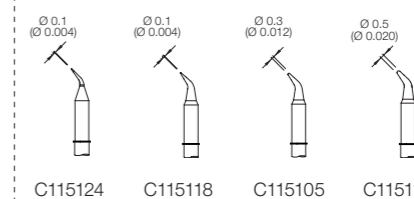
Precision tools
NT115 Nano Handle and AN115 Adjustable Nano Tweezers are light and ergonomic. The short-distance tip-to-grip ensures greater precision.

C115 Cartridges for Nano Tools

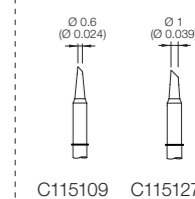
CONICAL



CONICAL BENT



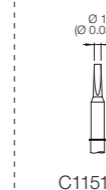
BEVEL



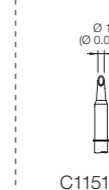
CHISEL



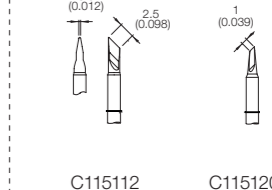
CONFORMAL COATING REMOVAL



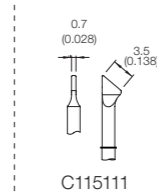
SPOON



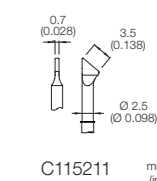
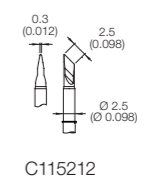
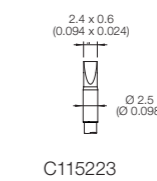
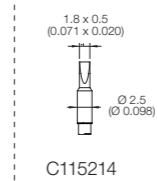
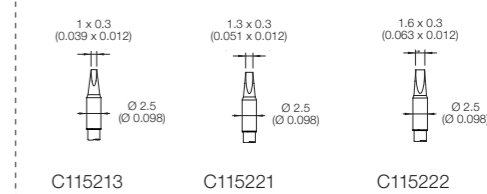
KNIFE



BLADE



HIGH THERMAL PERFORMANCE



mm
(in)

Stations Communication

Nano Stations incorporate different connectors on the back to share data with other devices. **Increase your working possibilities.**

USB-A Port

By using a USB flash drive, you can update the latest software (available on www.jbctools.com), extract graphs.

USB-B Port

The user can monitor and manage parameters of several stations from one PC (e.g. graphs of the work process). It is necessary to download JBC Software (available on www.jbctools.com) and install it onto the PC.



ROBOT Connector

Use this port to connect the station with a JBC Fume Extractor in order to automatically activate extraction when the tools are in use. Remotely control the station using an RS-232 connection with JBC Robot protocol.

P405 or P005 Pedal

Make the tool enter Hibernation or Sleep Mode by pushing down the pedal. This way you cause no thermal stress when placing the component onto PCB with the Nano Tweezers.



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
Operating room 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 exceed IPC J-STD-001F
Tip to ground voltage / resistance	Meets and exceed ANSI/ESD S20.20-2014 IPC J-STD-001F
Connections	USB-A / USB-B / Pedal / RJ12 for Robots

