

# JBC

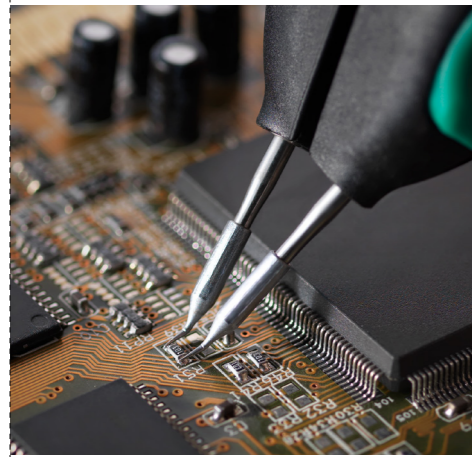
The Soldering Co.



When the highest precision is your priority

## NANO Stations

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



The most exceptional technology

▶ JBC's Excellence Series has become the best choice for electronics professionals.

▶ See for yourself the JBC Exclusive Heating System and its outstanding thermal performance.

For applications requiring the highest precision

TFT screen

The menu is intuitive and easier to use thanks to the improved interface usability. The working screen shows at a glance the **selected tool** with its corresponding port, the tip's **working temperature** and the **power** indicator. The user can adjust the temperature at anytime.

Temperature levels

You can set up to 3 temperature levels. Quick access if this option is activated.

Process control

The **User Friendly Menu** allows you to personalize over 20 parameters to help manage the soldering process. Set temperature limits, check usage counters, lock the station with a PIN or program **Sleep & Hibernation** features.

Cleaning & extraction set (x2)

It consists of a **tip cleaning stand** and a **quick tip changer** which can be used single-handed.

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 of dirt.



Intelligent Heat Management

When the tool is placed back on the stand, the **Sleep & Hibernation** features are automatically activated. This lowers the tip temperature and increases a tip's life by more than 5.



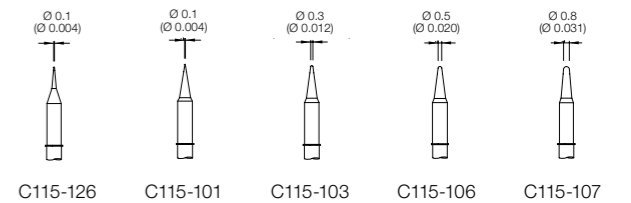
Precision tools

The **NT115-A Nano Purpose Soldering Iron** and **NP115-B Steady Nano Tweezers** are the lightest and the most ergonomic. The short distance tip-to-grip ensures greater precision. The NANO station is supplied with 2 **NT115 Nano Purpose Soldering Iron**.

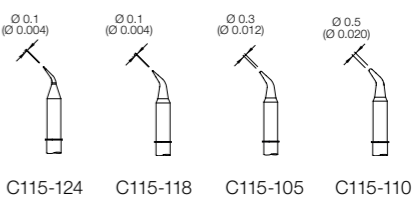


C115 Cartridges for NP115 and NT115

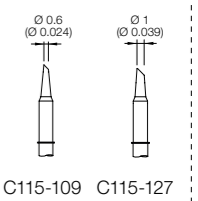
CONICAL



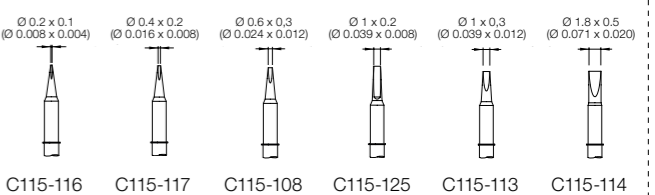
CONICAL BENT



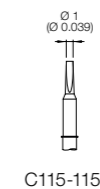
BEVEL



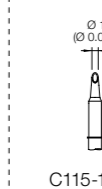
CHISEL



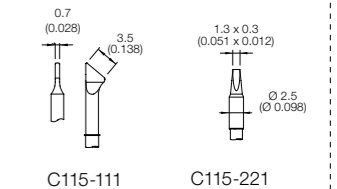
CONFORMAL COATING REMOVAL



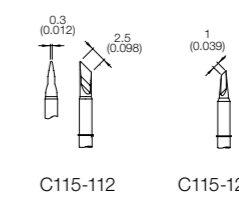
SPOON



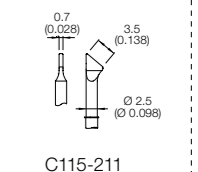
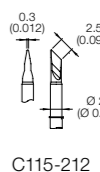
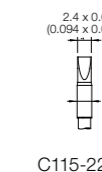
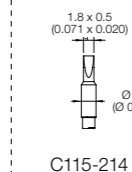
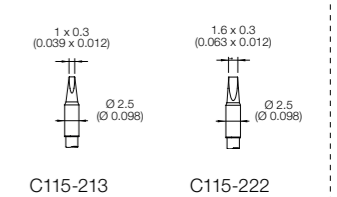
BLADE



KNIFE



HIGH THERMAL PERFORMANCE



# Station Communications

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 (from [www.jbctools.com](http://www.jbctools.com)), extract graphs and export/import your own settings.

## 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 the JBC Software Manager and install it to the PC. Available in [www.jbctools.com](http://www.jbctools.com)



## ROBOT Connector

RJ-12 output for a RS-232 connection with a protocol for robots. This option requires an external robotic system in which the robot manages the JBC control unit.

## P-005 or P-405 Pedal

Make the tool enter to hibernation by pushing the pedal. This way you cause no thermal stress when placing the component on the PCB with the Nano Tweezers.



## Specifications

Dimensions	170 x 90 x 135 mm (6.69 x 3.54 x 5.31 in)	Temperature range	90 to 450 °C (190 to 840 °F)
Weight	2.5 Kg (5.4 lb)	Idle Temp. stability (still air)	± 1.5 °C (± 3 °F) / Meets and exceed IPC J-STD-001
Ref. - Voltage (AC) / Fuse	<b>NASE-1C / NANE-1C</b> - 120 V / 0,5A	Tip to ground voltage and resistance	Meets and exceed ANSI/ESD S20.20-2014 IPC J-STD-001F
	<b>NASE-2C / NANE-2C</b> - 230 V / 0,2A		
	<b>NASE-9C / NANE-9C</b> - 100 V / 0,5A		
Output peak power	14 W per tool - 8.5 V	Connections	USB-A / USB-B / Pedal / RJ12 for Robots
Ambient operating Temp.	10 - 50 °C (50 - 122 °F)		

