JBC

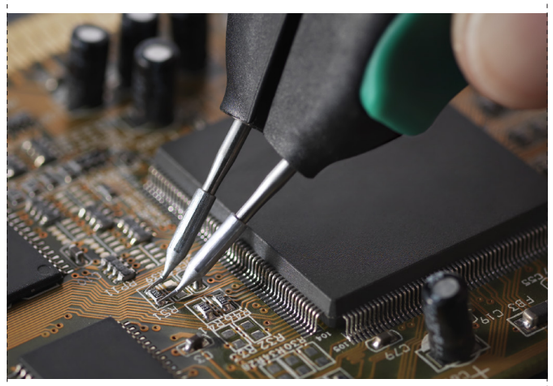
The Soldering Co.

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 0201, 0402, 01005, etc.



The most exceptional technology

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

TFT screen

The menu is **intuitive and easier 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 with a PIN or program **Sleep & Hibernation Modes**.

The working screen shows the **selected tool** with its corresponding port, the tip's **working temperature** 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-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.

Intelligent Heat Management

When the tool is placed back on the stand, the **Sleep & Hibernation Modes** are automatically activated.

This lowers the tip temperature and increases tip life by more than 5.

Precision tools

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

The short-distance tip-to-grip ensures greater precision.

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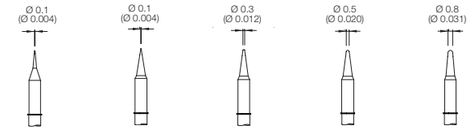
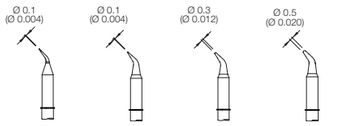
C115 Cartridges for Nano Tools

CONICAL



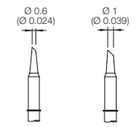
C115126 C115101 C115103 C115106 C115107

CONICAL BENT



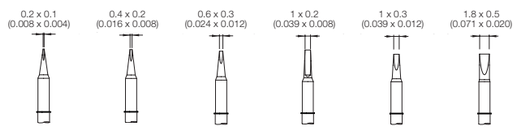
C115124 C115118 C115105 C115110

BEVEL



C115109 C115127

CHISEL



C115116 C115117 C115108 C115125 C115113 C115114

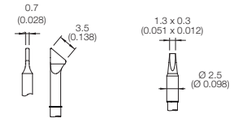
CONFORMAL COATING REMOVAL

C115115

SPOON

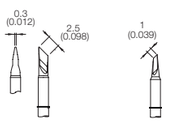
C115128

BLADE



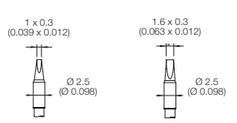
C115111 C115221

KNIFE

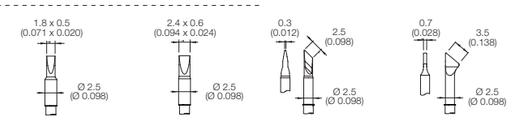


C115112 C115120

HIGH THERMAL PERFORMANCE



C115213 C115222



C115214 C115223 C115212 C115211

mm (in)

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 (available in **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 (available in **www.jbctools.com**) and install it onto the PC.

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.

P005 or P405 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 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 - 450 ºC / 190 - 840 ºF
Weight	2.5 Kg / 5.4 lb	Idle Temp. Stability (still air)	± 1.5 ºC (± 3 ºF) / Meets and exceed IPC J-STD-001F
Ref. - Voltage (AC)	**NASE-9C / NANE-9C** - 100V 50/60Hz **NASE-1C / NANE-1C** - 120V 50/60Hz **NASE-2C / NANE-2C** - 230V 50/60Hz	Tip to ground voltage / resistance	Meets and exceed ANSI/ESD S20.20-2014 IPC J-STD-001F
Ouput peak power	14 W per tool	Connections	USB-A / USB-B / Pedal / RJ12 for Robots
Ambient operating Temp.	10 - 50 ºC / 50 - 122 ºF		