

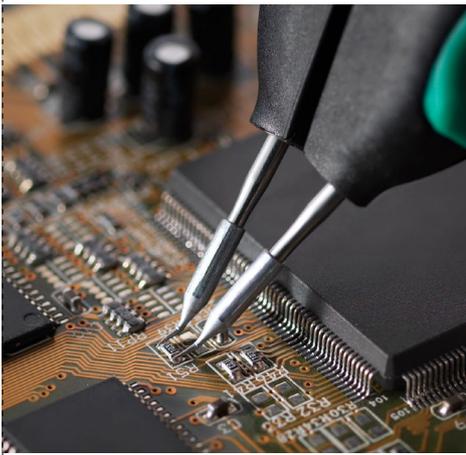
JBC

www.jbctools.com



When the highest precision is your priority
Nase / 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 **Advanced 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

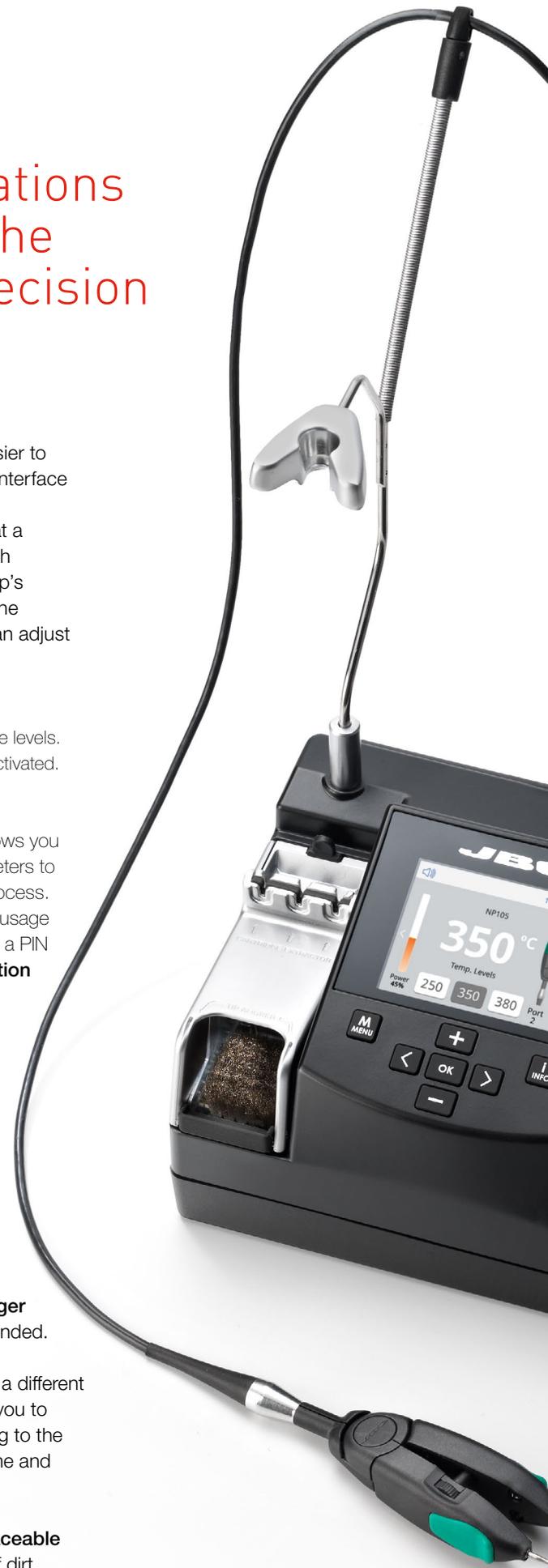
The **User Friendly Menu** allows you to personalize over 20 parameters to help manage the soldering process. Set temperature limits, check usage counters, lock the station with a PIN or program **Sleep & Hibernation** features.

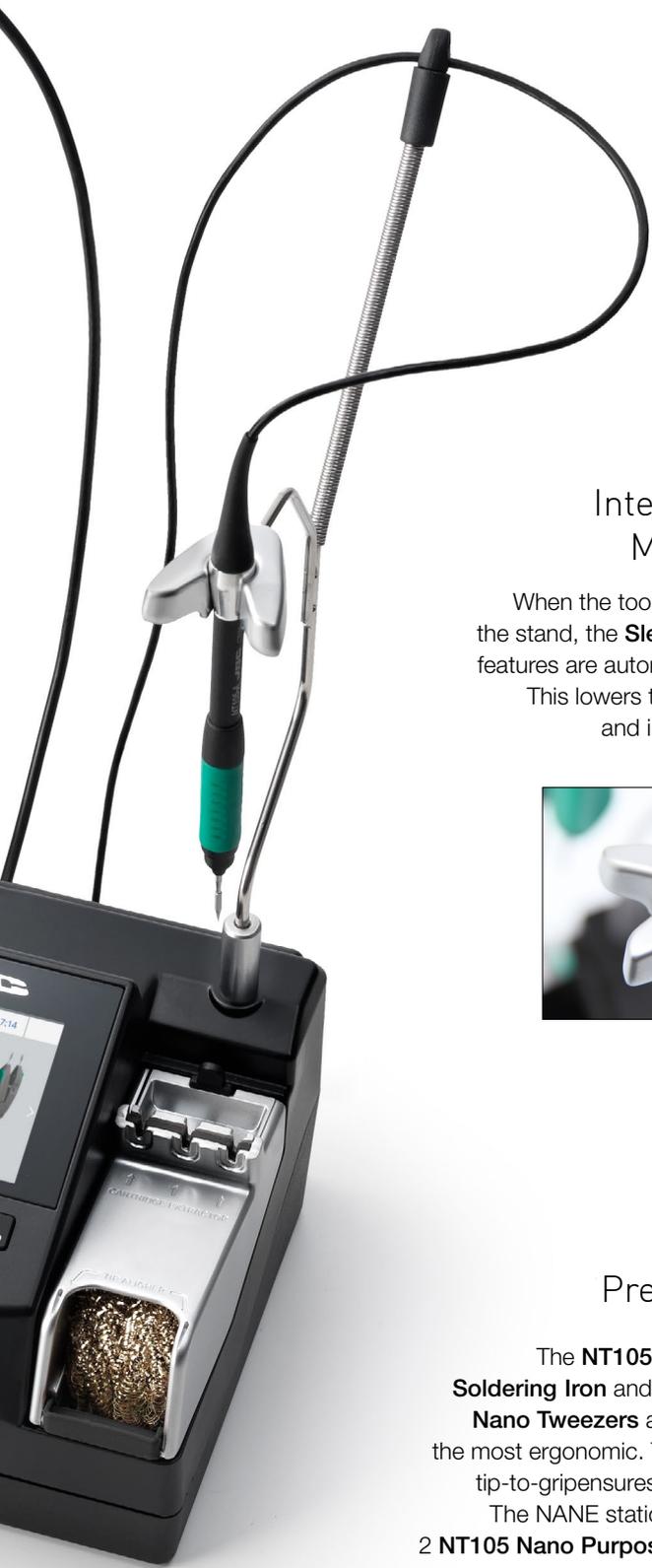
Cleaning & extraction set (x2)

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.



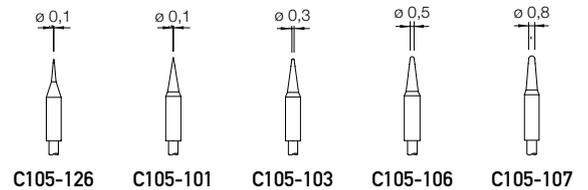
Precision tools

The **NT105-A Nano Purpose Soldering Iron** and **NP105-B Steady Nano Tweezers** are the lightest and the most ergonomic. The short distance tip-to-grip ensures greater precision. The NANE station is supplied with 2 **NT105 Nano Purpose Soldering Iron**.

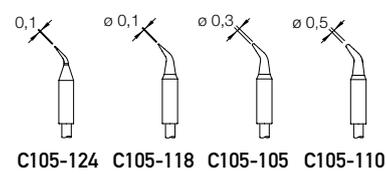


C105 Cartridges for NP105 and NT105

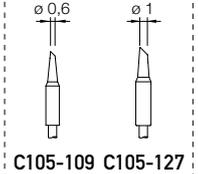
ROUND



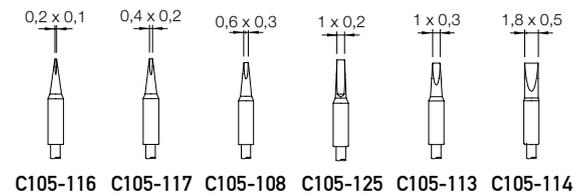
ROUND BENT



BEVEL



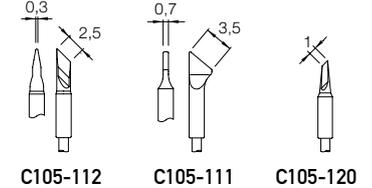
CHISEL



STAINLESS ST. CHISEL



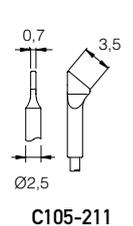
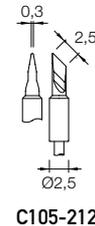
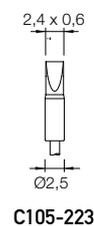
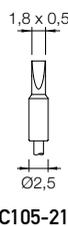
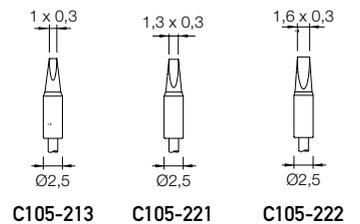
KNIFE



SPOON



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), 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



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.

JBC does not manufacture robotic systems nor special solder reels for robots like the one shown in the photo.



P005-A 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 selection	90 - 450 °C (190 - 840 °F) ± 5%
Weight	1,8 Kg (4.0 lb)	Idle Temp. stability (still air)	± 3 °C (± 5.5 °F)
Ref. - Voltage (AC) / Fuse	NASE-1B / NANE-1B - 120 V / 0,5A	Tip to ground resistance	< 2 ohms
	NASE-2B / NANE-2B - 230 V / 0,2A		
	NASE-9B / NANE-9B - 100 V / 0,5A		
Output peak power	14 W per tool	Connectors	USB-A / USB-B / Pedal / RJ12 for Robots
Ambient operating Temp.	10 - 40 °C (50 - 104 °F)		

