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CP

MICRO TWEEZERS STATION

CP-2C / CP-1C / CP-9C
Control Unit

PA120-A
Micro Thermal Tweezers

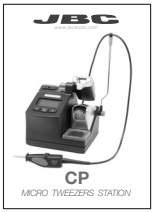
CL6210 **Brass Wool**

C12000 (x2)
Cartridges

S0354 **Sponge**

POWER CORD

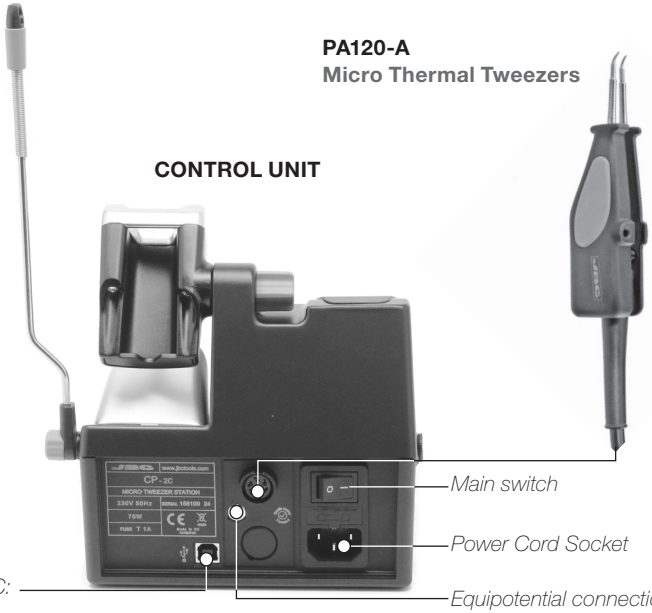
MANUAL



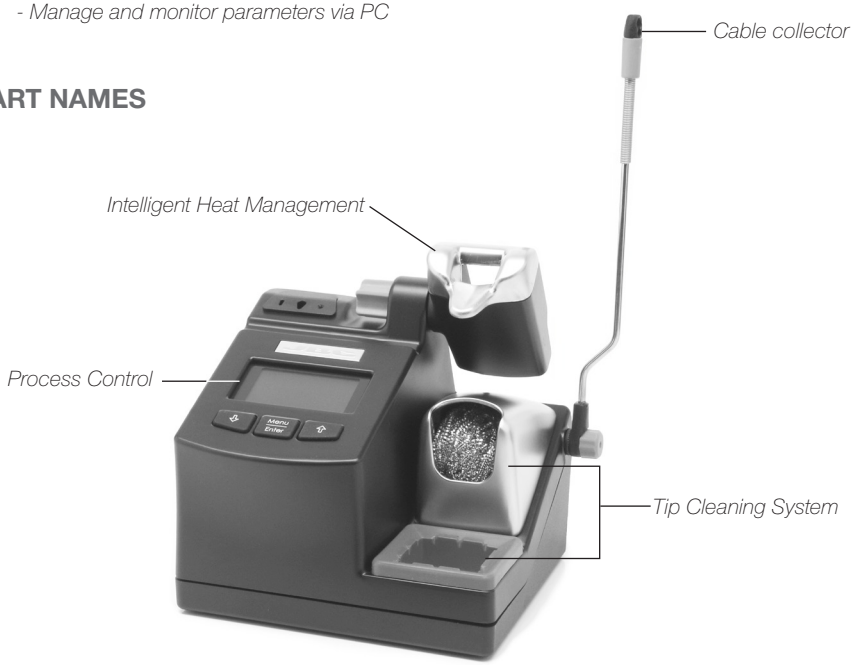
INSTALLATION

PA120-A
Micro Thermal Tweezers

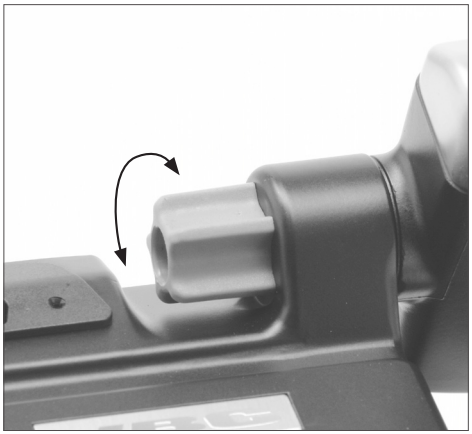
CONTROL UNIT

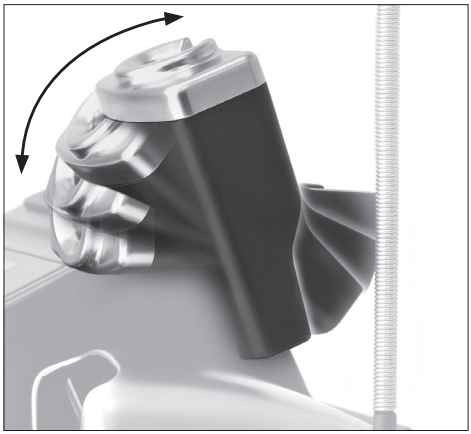


PART NAMES



ADJUSTABLE STAND

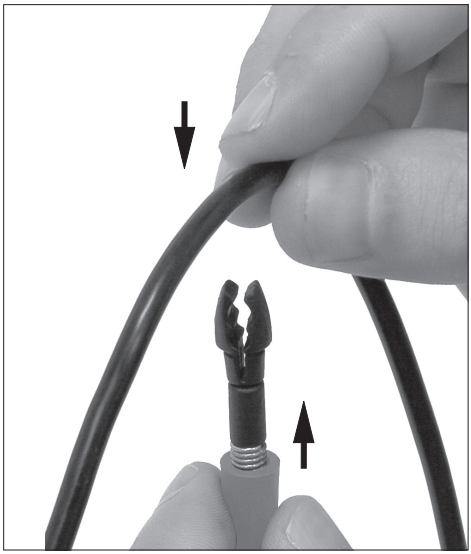




The tool stand is easily adjustable. Loosen the tightening knob to adjust the position.

CABLE COLLECTOR

Loosen the tightening knob to adjust the position of the cable collector.



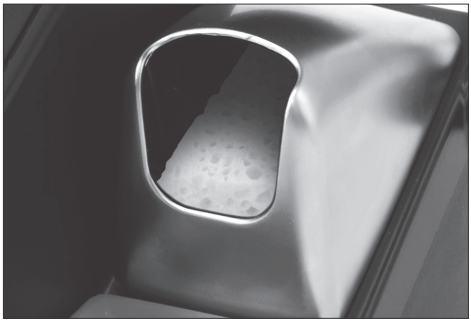
Slide the green piece down to place the wire.

CLEANING OPTIONS

Full set of clean option: sponge, metal wool and brush

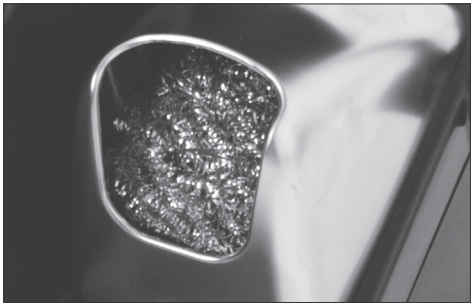
S0331 Sponge

S0354 Sponge



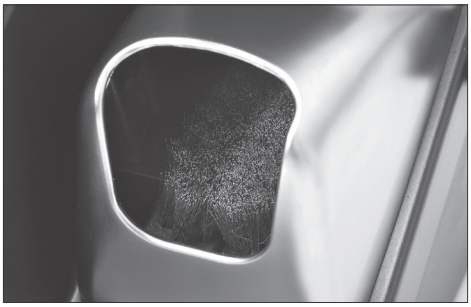
The smoothest cleaning method. The sponge has to be kept wet (not soaked) using distilled water.

CL6205 Inox Wool



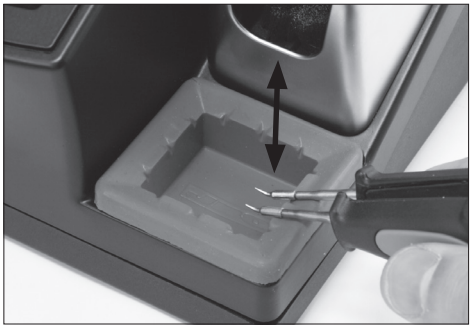
Provides a deeper cleaning on the tip.

CL6220 Brushes



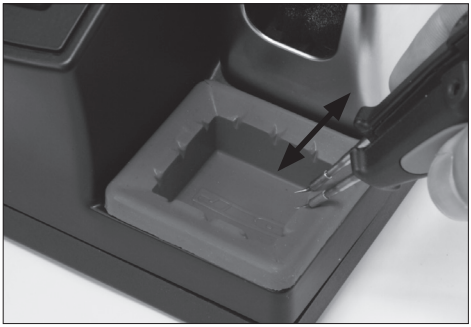
More agressive on the tip than the wool.

TAPPING



Tap smoothly the cartridge on the wiper profile to remove the excess of solder

WIPING



Use the slots to wipe any posible particle sticked on the tip

MICRO TWEEZERS

PA120-A Micro Tweezers

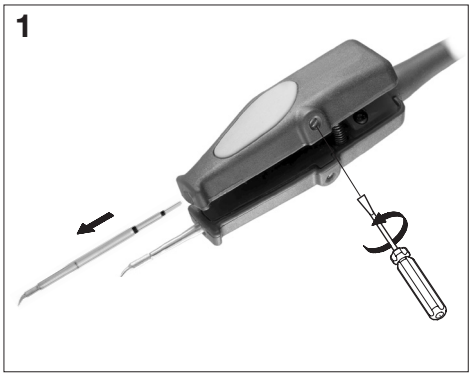
The **PA120-A** are designed for soldering and desoldering SMD micro components.
Each cartridge is individually controlled by the control unit, guaranteeing fast heating-up, accuracy and temperature recovery.

PA120-A has an individual temperature control for each cartridge so it is supplied individually.
The **C120** range of cartridges is made for desoldering a wide variety of components.
Consult our wide range of cartridges with more than 300 references in www.jbctools.com.
For special cartridges contact with our distributor.

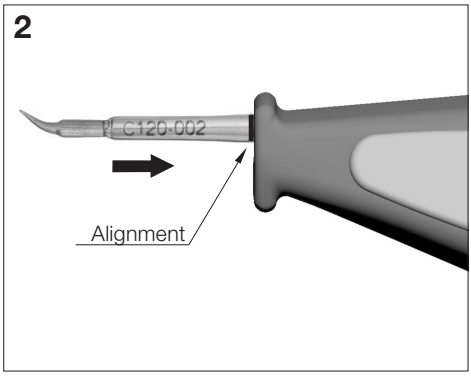
Cartridge C120

PA120-A
Micro Thermal Tweezers

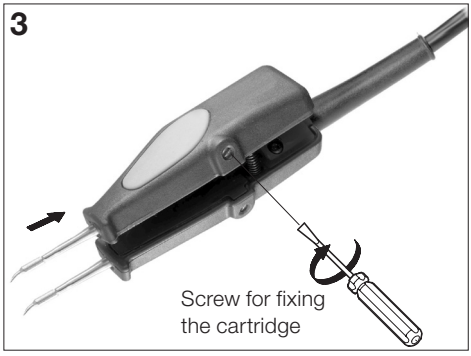
CHANGING THE CARTRIDGE



Loosen the cartridge screw to release the cartridge.

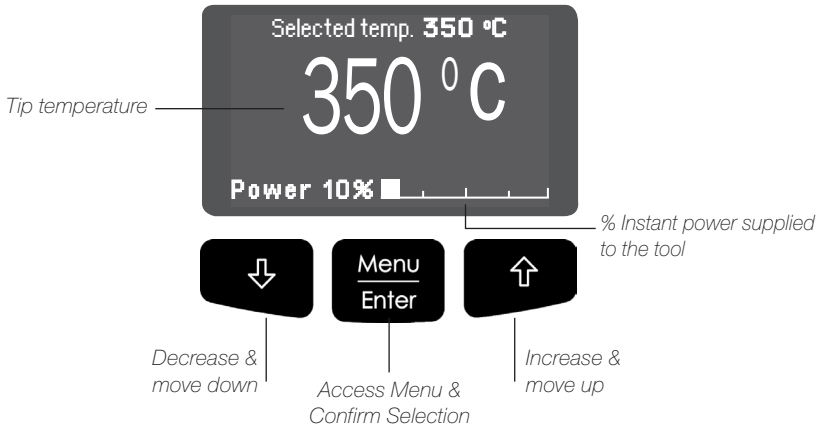


Place the new cartridge in the solder.
Important: It is essential to insert the cartridge till the end for a good connection.
Use the mark ▶| as reference and check that both tips of the tweezer coincide.



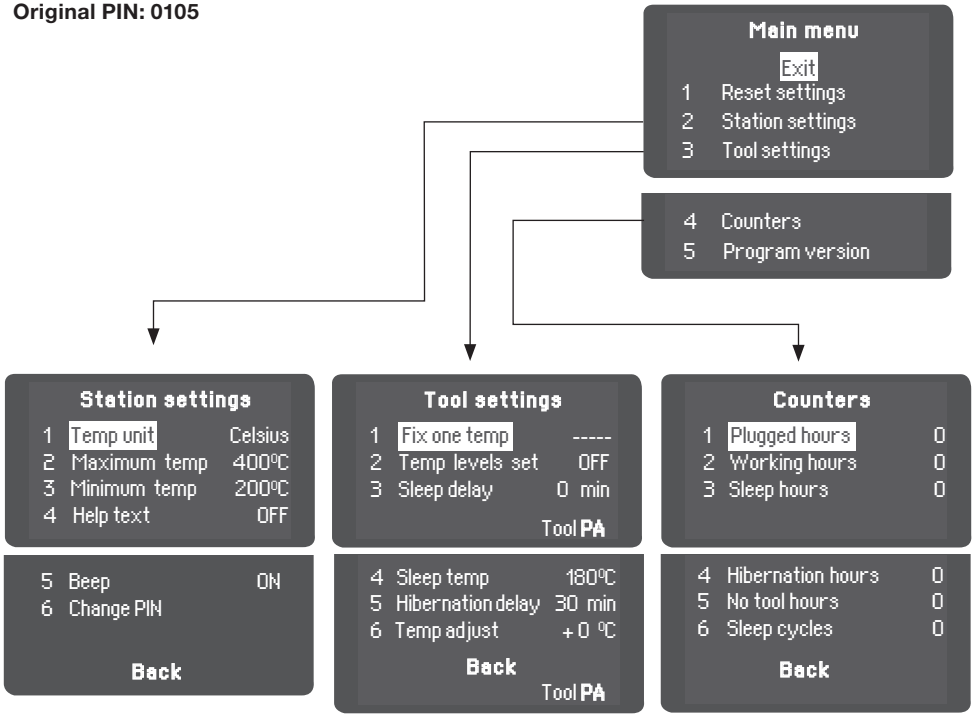
Align the tips of the two cartridges.
Important: It is esential to tighten the cartridge screw for the tool to function.

CONTROL SCREEN



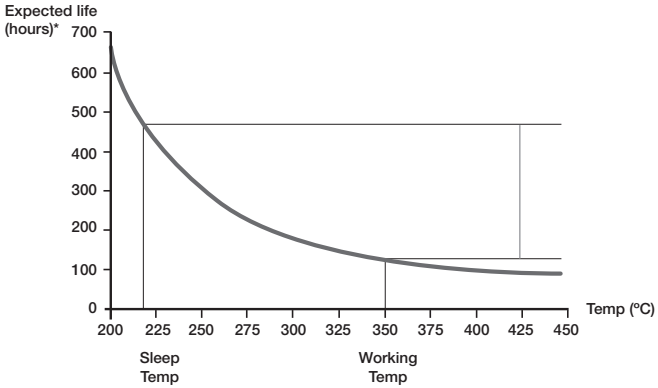
SETTINGS MENU

Original PIN: 0105



HEAT MANAGEMENT

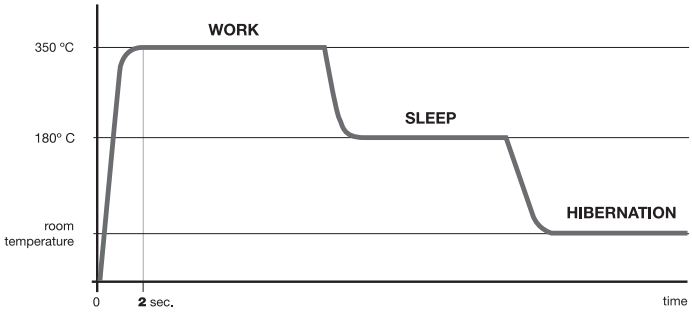
JBC stations intelligently manage the tool temperature and it helps to extend the tip life:



Work mode: Lift tool from the stand and the tool tip heats up to the selected temperature.

Sleep mode: When the tool is in the stand, the temperature reduces (preset sleep temperature is 180ºC / 360ºF).

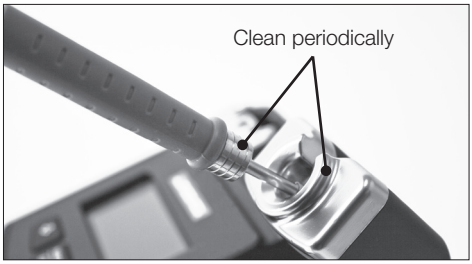
Hibernation mode: After longer periods of inactivity (pre-set to 30 minutes), the power is cut off and the tool cools down to room temperature.



Heat management increase tip life which reduces cost of ownership.

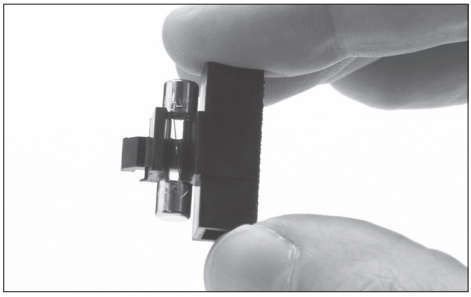
MAINTENANCE

Prior to maintenance or storage should disconnect the equipment from the power supply and let it cool down.



- Use a damp cloth to clean the case and the tool. Alcohol can be used only to clean the metal parts.
- Check periodically that the metal parts of the tool/stand are clean in order to have a good detection when the tool is in the stand.
- Clean the station's screen with a glass cleaner or a damp cloth.
- Maintain tip surface clean and tinned prior to storage in order to avoid tip oxidation. Rusty and dirty surfaces reduce heat transfer to the solder joint.
- Periodically check all cables and tubes connected.
- Replace any defective or damaged handpiece or tool.
- Replace the fuse if it is blown according to the following guidelines:

Remove the fuse by pulling the black cap. Help yourself with a lever tool if necessary.



Place the new fuse into the holder by pushing and enter it again into the station.

REPAIR

- Repairs should be performed only by a specialist. Otherwise JBC can not rule out the risk of accident.
- JBC offers you a professional after-sales service for your equipment.

SAFETY

It is imperative to meet the following safety guidelines to protect health and prevent electric shock, injury, fire or explosions.

- Keep children and non-trained personnel away from the equipment.
- The mains cable must be plugged into approved bases.
- The tool should be placed in the stand when not in use. This way the sleep mode will be activated.
- The soldering tip and the metal part of the tool may still be hot even when the station is turned off. Handle with care.
- The stand can also be hot as well. To adjust the angle, turn the station off and wait until the cartridge cools down.
- Be careful with the remains of liquid tin. In contact with skin, it can cause burns.
- Use a “non residue” classified flux and avoid contact with skin or eyes to prevent irritation.
- Do not work on electrically live parts. Antistatic handle of soldering irons is electrically conductive.
- Be careful with the smoke produced when soldering.
- Wear appropriate protection glasses and gloves when working to avoid any damage.

CAUTION

- Incorrect use of tool may cause fire.
- Be careful when using the tool in areas where inflamable products are stored.
- Heat can cause inflamable products to ignite even when not in sight.

TECHNICAL SPECIFICATIONS

- Temperature selection from 90°C (190°F) to 450°C (840°F) (±5%).
- Output Peak Power: 80W.
- Safety transformer, mains separator and double isolation.
- **CP-2C** 230V 50/60Hz. Input fuse: 1A. Output: 23,5V.
- **CP-1C** 120V 50/60Hz. Input fuse: 2A. Output: 23,5V.
- **CP-9C** 100V 50/60Hz. Input fuse: 2A. Output: 23,5V.
- Total unit weight: 2,7 Kg.
- Complies with CE standards on electrical safety, electromagnetic compatibility and ESD protected housing “skin effect”.
- RoHS compliant.
- Equipotential connector and the tool tip are connected to the station’s mains grounding for ESD protection.

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Warranty

JBC’s 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.
Warranty does not cover product wear due to use or mis-use.
In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.

This product should not be thrown in the garbage.
In accordance with the European directive 2002/96/EC, electronic equipment at the end of their life must be collected and returned to an authorized recycling facility.

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