

JBC

www.jbctools.com



CF

SOLDER FEED STATION

CF / SOLDER FEED STATION

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



AP130-A
Solder Feed Iron



CL6210 Brass Wool



S0354 Sponge



0006559
Feeding tube



0002801 Reel



POWER CORD



MANUAL



INSTALLATION

AP130-A Solder Feed Iron

CONTROL UNIT



Main switch

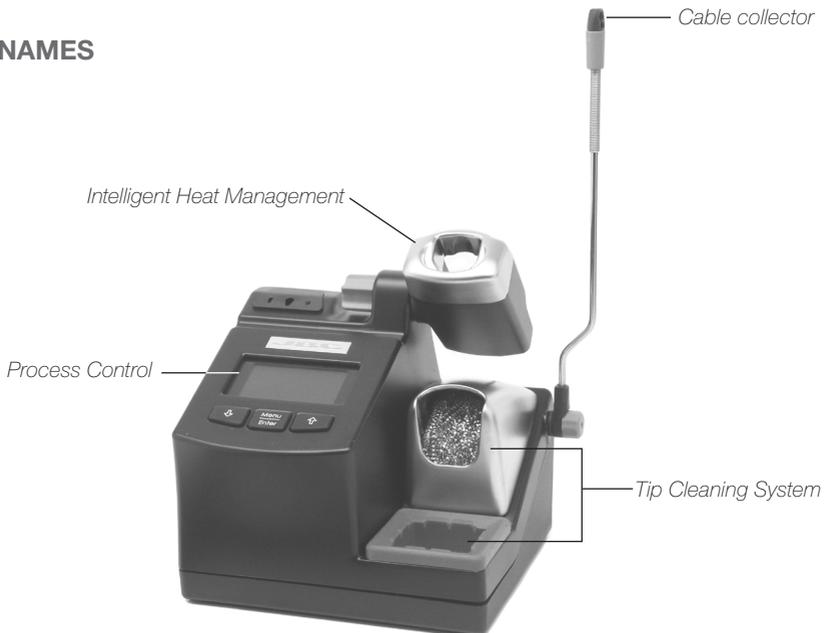
Power Cord Socket

Equipotential connection

USB-B connector to PC:

- Update station software
- Create graphs of the soldering process
- Manage and monitor parameters via PC

PART NAMES



Cable collector

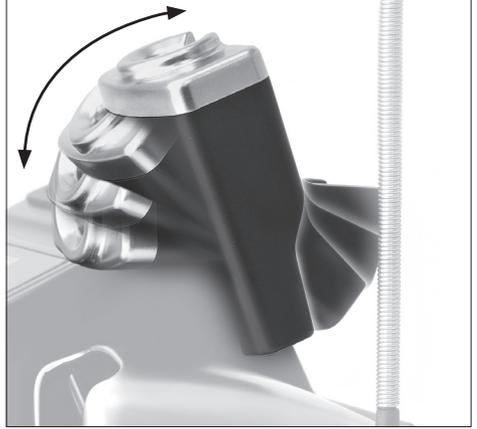
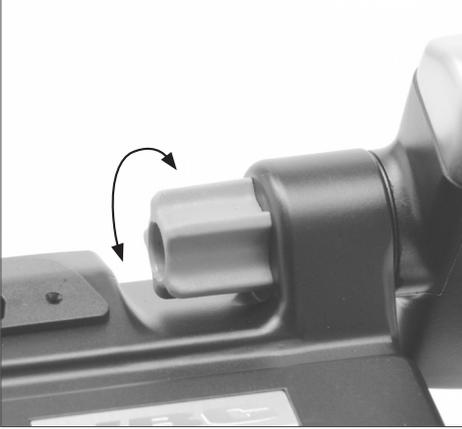
Intelligent Heat Management

Process Control

Tip Cleaning System

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ADJUSTABLE STAND

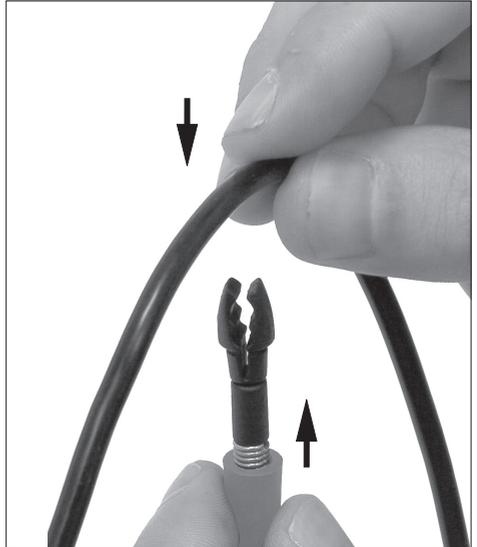


The tool stand is easily adjustable. Loosen the tightening knob to adjust the position.

CABLE COLLECTOR



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

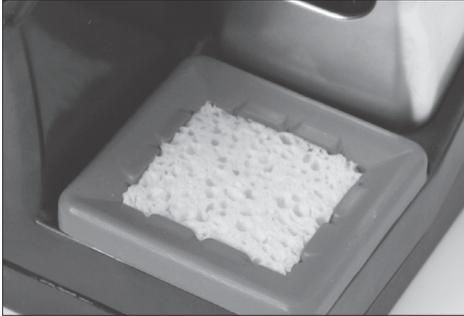


Slide the green piece down to place the wire.

CLEANING OPTIONS

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

S0331 Sponge



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

S0354 Sponge



CL6205 Inox Wool



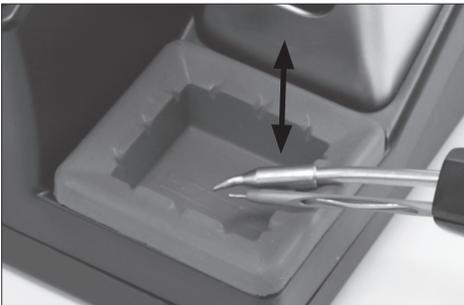
Provides a deeper cleaning on the tip.

CL6220 Brushes



More aggressive 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 possible particle stuck on the tip

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SOLDER FEED IRON

AP130-A Solder Feed Iron

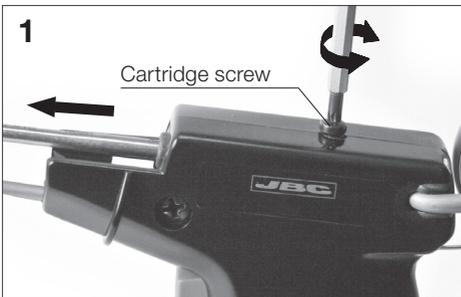
The **AP130-A** offers a 'third hand' by feeding soldering wire of diameters 0.8 to 1 mm. Specifically suitable for high-volume soldering jobs, and whenever an extra hand is needed. Uses **C130** cartridge range.



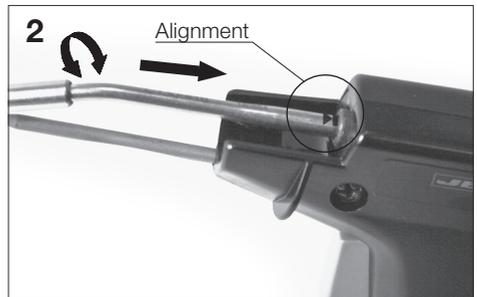
SN5450
Solder Reels for AP130-A
Supplied with lead free solder reel - 99% Sn / 0,3% Ag / 0,7% Cu - with 50g solder.

Consult our wide range of cartridges with more than 300 references in www.jbctools.com. For special cartridges contact with our distributor.

CHANGING THE CARTRIDGE



Loosen the cartridge screw to release the cartridge.

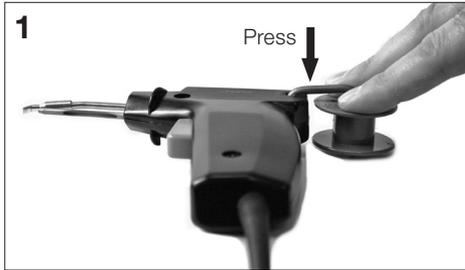


Place the new cartridge in the solder feed handle. **Important:** It is essential to insert the cartridge till the end for a good connection. Use the mark  as reference.

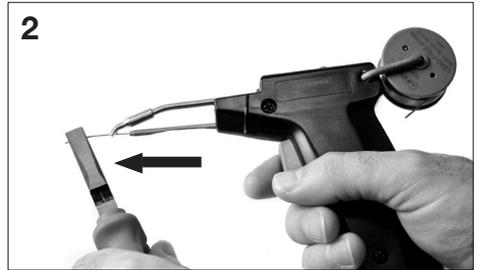


Align the tip of the cartridge with the solder guide tube. **Important:** It is essential to tighten the cartridge screw for the tool to function.

REPLACING THE REEL



Press the empty reel to remove it and replace it with a new one.



Before fitting a new reel, pull out the solder remaining inside the solder direction tube.



Insert the solder into its hole checking that the wire becomes straight. Pull the trigger intermittently until the solder feed system works by itself.

Always use 0.8 to 1.0 mm diameter solder wire.

ACCESSORIES *(not included)*



F1204
Fume Extractor



BE-SA
Solder reel stand

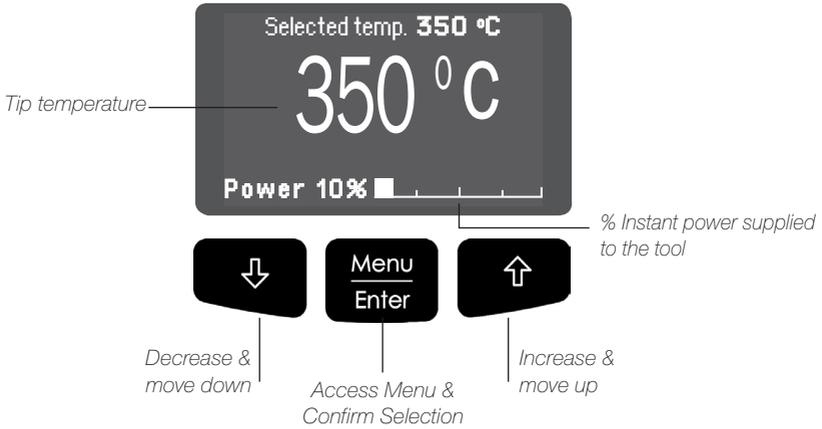
For production-line purposes we recommend using our BE-SA holder which allows for solder reels of sizes up to 2.5 Kg to be used.

Simply wrap a couple of turns of the solder wire around an empty reel as shown.



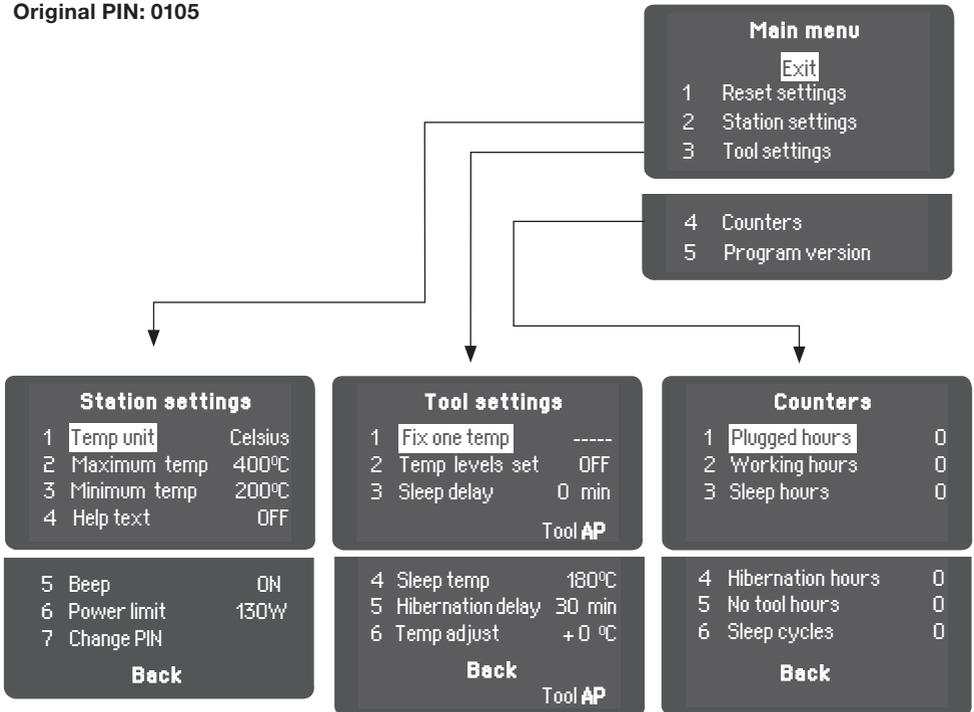
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CONTROL SCREEN



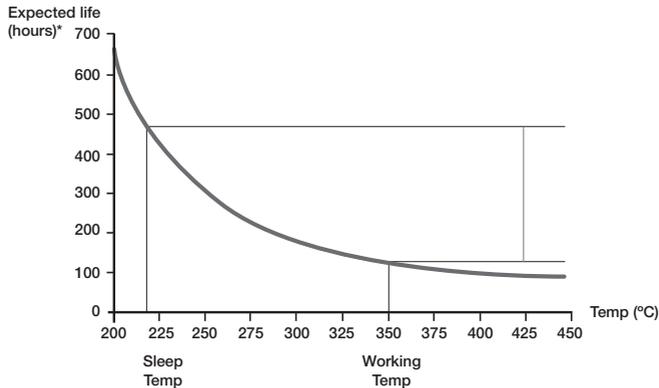
SETTINGS MENU

Original PIN: 0105



HEAT MANAGEMENT

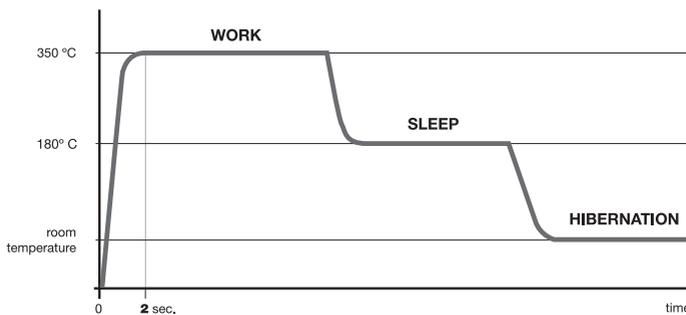
JBC stations intelligently manage the tool temperature and it helps to extend the tip life:



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 180°C / 360°F).

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.



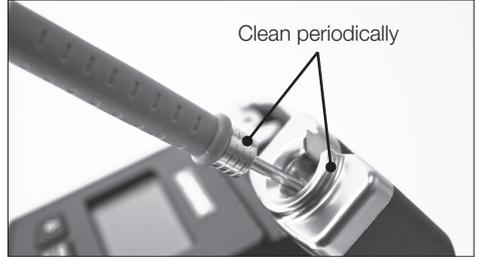
Heat management increase tip life which reduces cost of ownership.

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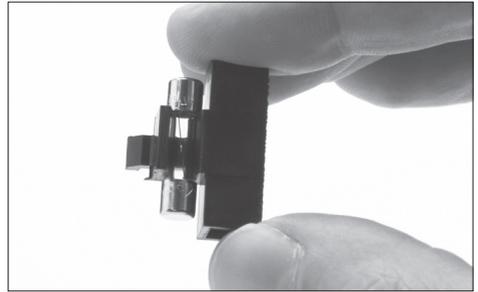
MAINTENANCE

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 inflammable products are stored.
- Heat can cause inflammable 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: 130W.
- Safety transformer, mains separator and double isolation.
- **CF-2C** 230V 50/60Hz. Input fuse: 1A. Output: 23,5V.
- **CF-1C** 120V 50/60Hz. Input fuse: 2A. Output: 23,5V.
- **CF-9C** 100V 50/60Hz. Input fuse: 2A. Output: 23,5V.
- Total unit weight: 2,8 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.



This product should not be thrown in the garbage.

JBC

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 enclosing this form duly filled in.

SERIAL N°

DEALER'S STAMP

DATE OF PURCHASE
