

JBC

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INSTRUCTION MANUAL



ATS

Stand for AT420 Adjustable
Thermal Tweezers

This manual corresponds to the following references:

AT-SB

Packing List

The following items are included:



Stand for AT420 Adjustable Thermal Tweezers 1 unit



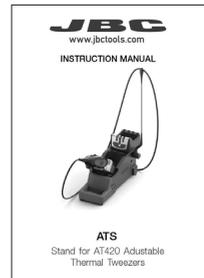
Stand Cable 1m 1 unit
Ref. 0024227



Sponge for Stand 48 x 26.5 mm 1 unit
Ref. S7034

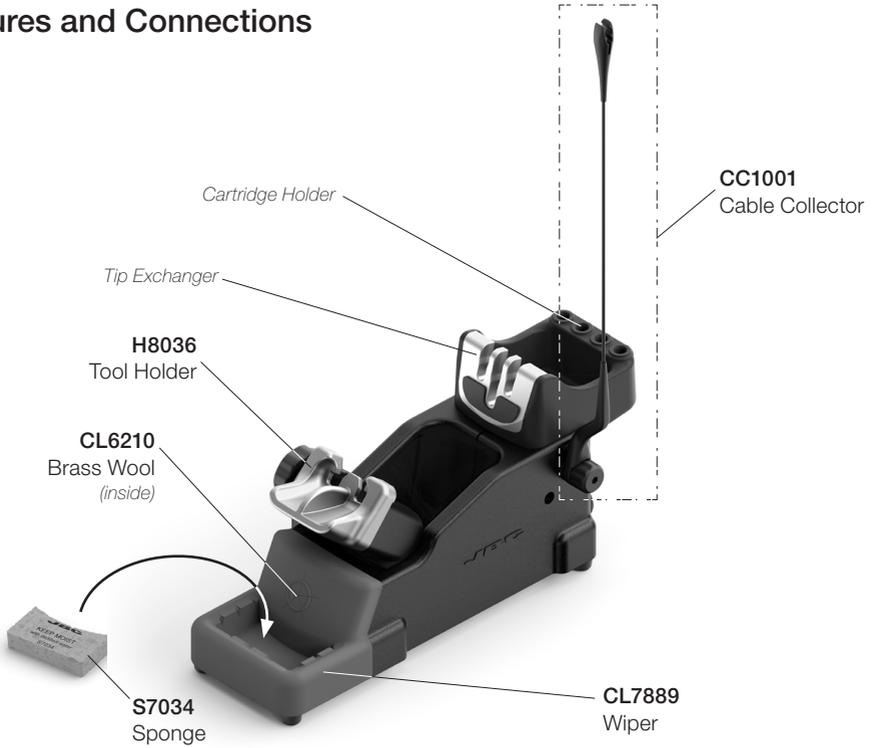


Brass Wool 1 unit
Ref. CL6210



Manual 1 unit
Ref. 0028204

Features and Connections



Control Unit

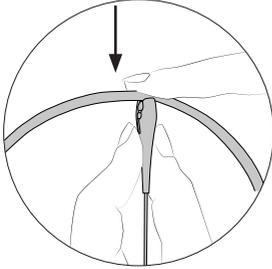
(not included, sold separately)



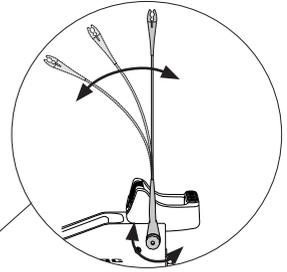
Tool Connector

Assembly

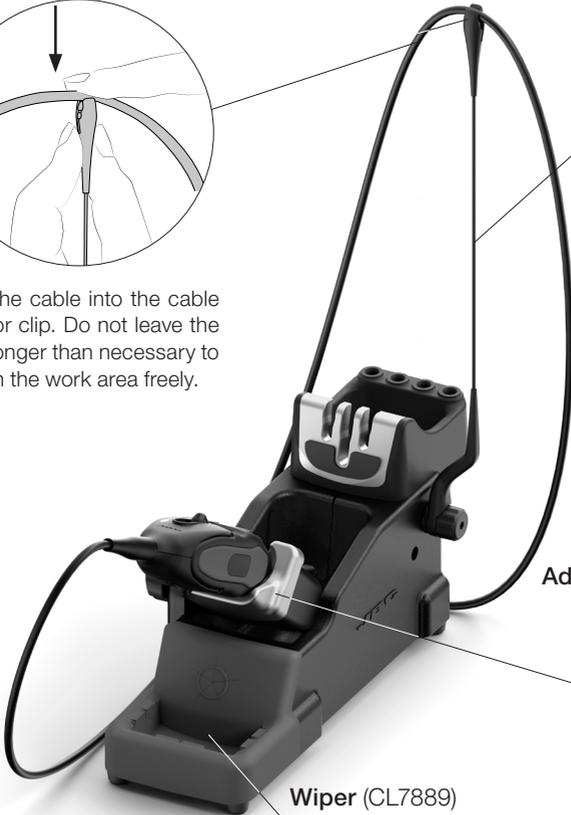
Adjustable Cable Collector (CC1001)



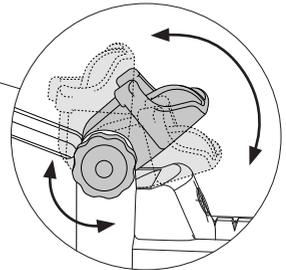
Insert the cable into the cable collector clip. Do not leave the cable longer than necessary to reach the work area freely.



The cable collector is flexible. It accompanies and adapts to the movements during the soldering process.

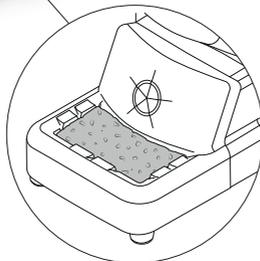


Adjustable Tool Holder (H8036)



Adjust the tool holder angle to suit the work position.

Wiper (CL7889)

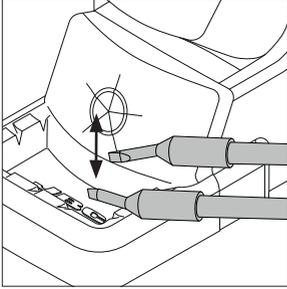


The wiper offers different ways to clean the cartridge tips. If desired use the included sponge.

Wiper

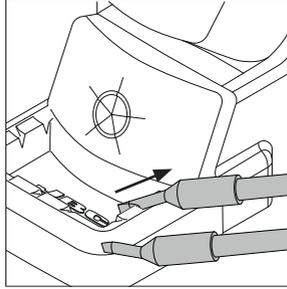
The integrated wiper offers different ways to clean the cartridge tips.

Tapping



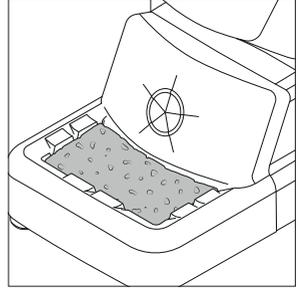
Tap gently to remove excess solder.

Wiping



Use the slots to remove the remaining particles.

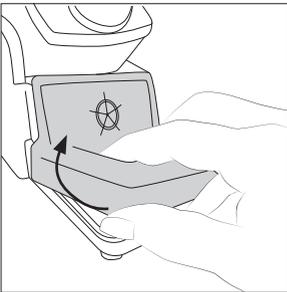
Sponge



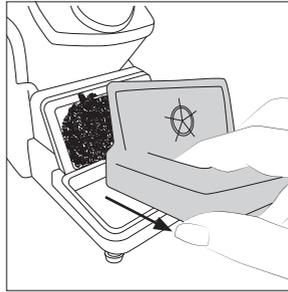
The softest cleaning method. Keep the sponge damp with distilled water when working to avoid tip wear.

Wiper and Brass Wool Replacement

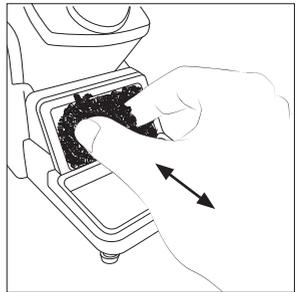
The wiper and brass wool can easily be removed for cleaning or replacement when they are worn.



Lift the wiper at its front edge.



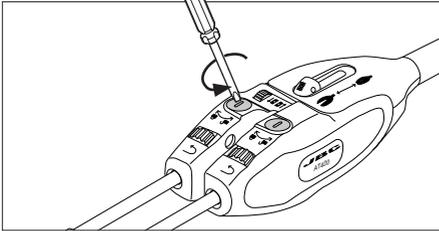
Remove the wiper by pulling it out.



Replace the brass wool with a new one when it is worn out. Place the wiper back or replace it if desired.

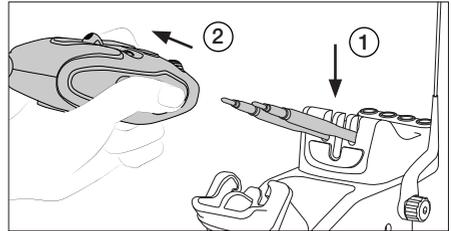
Changing Cartridges

1. Unlocking



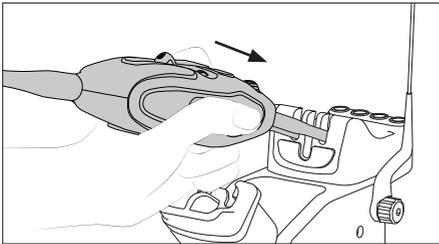
Unlock the fixing screws.

2. Removing



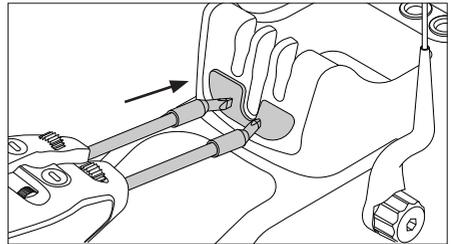
Place the cartridges in the extractor (1) and pull the tweezers to remove them (2).

3. Positioning



Use the vertical grooves to position the cartridges and place the tweezers onto the cartridges.

4. Inserting



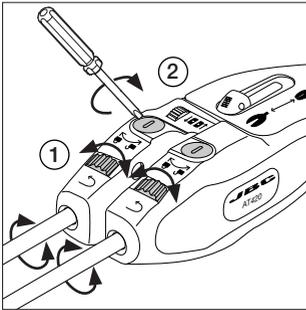
Press the cartridges against the extractor and make sure that the cartridge is inserted up to the mark*.

*Important

It is essential to insert the cartridges as far as the mark for a proper connection.

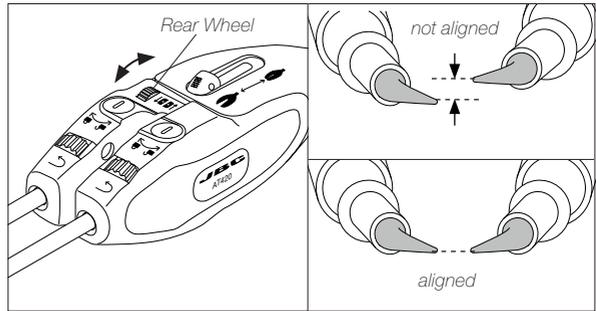


5. Rotational Cartridge Alignment and Locking



Slightly turn the wheels to align the cartridges as required (1). Then lock the cartridge fixing screws* (2).

6. Vertical Cartridge Alignment

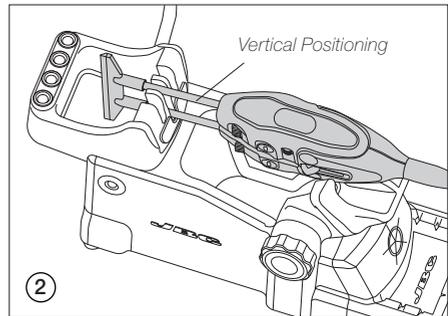


The wheel allows the tips to be adjusted so that they are aligned when the tweezers are closed.



Once the alignment has been made, it is imperative to fix the cartridges by tightening the fixin screws. It takes a single turn of the screw to lock it in place.

Tweezers Positioning

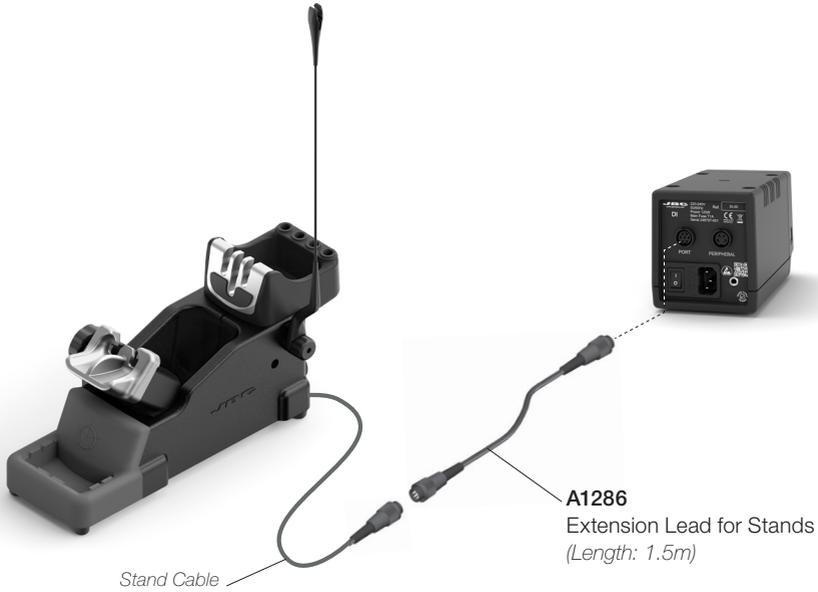


The tweezers position in the stand is shown in the image (1).

Note:

When using the customized cartridges like ref. C420283 and ref. C420286, place the tweezers vertically, as shown in the image (2).

Accessories



Maintenance

Before carrying out maintenance or storage always unplug the stand from the station and the tool.

- Use a damp cloth to clean the stand. Alcohol can be used only when cleaning metal parts.
- Check periodically that the metal parts of the tool/stand are clean so that the station can check the tool's status.
- Periodically check all cables and tube connections.
- Replace any defective or damaged parts. Use original JBC spare parts only.
- Repairs should only be performed by a J B C authorized technical service.



Safety



It is imperative to follow safety guidelines to prevent electric shock, injury, fire or explosion.

- Do not use the units for any purpose other than soldering or rework. Incorrect use may cause a fire.
- The power cord must be plugged into approved bases. Be sure that it is properly grounded before use. When unplugging it, hold the plug, not the wire.
- Do not work on electrically live parts.
- The tool should be placed in the stand when not in use in order to activate the sleep mode. The soldering tip, the metal part of the tool and the stand may still be hot even when the station is turned off. Handle with care, including when adjusting the stand position.
- Do not leave the appliance unattended when it is on.
- Do not cover the ventilation grills. Heat can cause inflammable products to ignite.
- Avoid the contact of flux with skin or eyes to prevent irritation.
- Be careful with the fumes produced when soldering.
- Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves when working to avoid personal harm.
- Utmost care must be taken with liquid tin waste which can cause burns.
- This appliance can be used by children over the age of eight and also persons with reduced physical, sensory or mental capabilities or lack of experience provided that they have been given adequate supervision or instruction concerning the use of the appliance and understand the hazards involved. Children must not play with the appliance.
- Maintenance must not be carried out by children unless supervised.

Specifications

ATS

Stand for AT420 Adjustable Thermal Tweezers

Ref.: **AT-SB**

- | | |
|--|--|
| - Includes | Sleep Mode and Hibernation Mode |
| - Net Weight | 1544 g / 3.40 lb |
| - Package Dimensions / Weight
(L x W x H) | 342 x 155 x 120 mm / 2106 g
13.5 x 6.1 x 4.7 in / 4.64 lb |

Complies with CE standards
ESD Safe

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 or misuse.

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 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.



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