JBC

www.jbctools.com

INSTRUCTION MANUAL

AP250

Manual-Feed Soldering Iron

This manual corresponds to the following references:

AP250-A

Packing List

The following items are included:

Manual-Feed Soldering Iron ..... 1 unit
Feeder Nozzle Ø1 mm (Ref. 0019212), Cartridge C250403 and Solder Reel (Ref. SN5450) already assembled

Ø1.5 mm Feeder Nozzle ..... 1 unit
Ref. 0019211

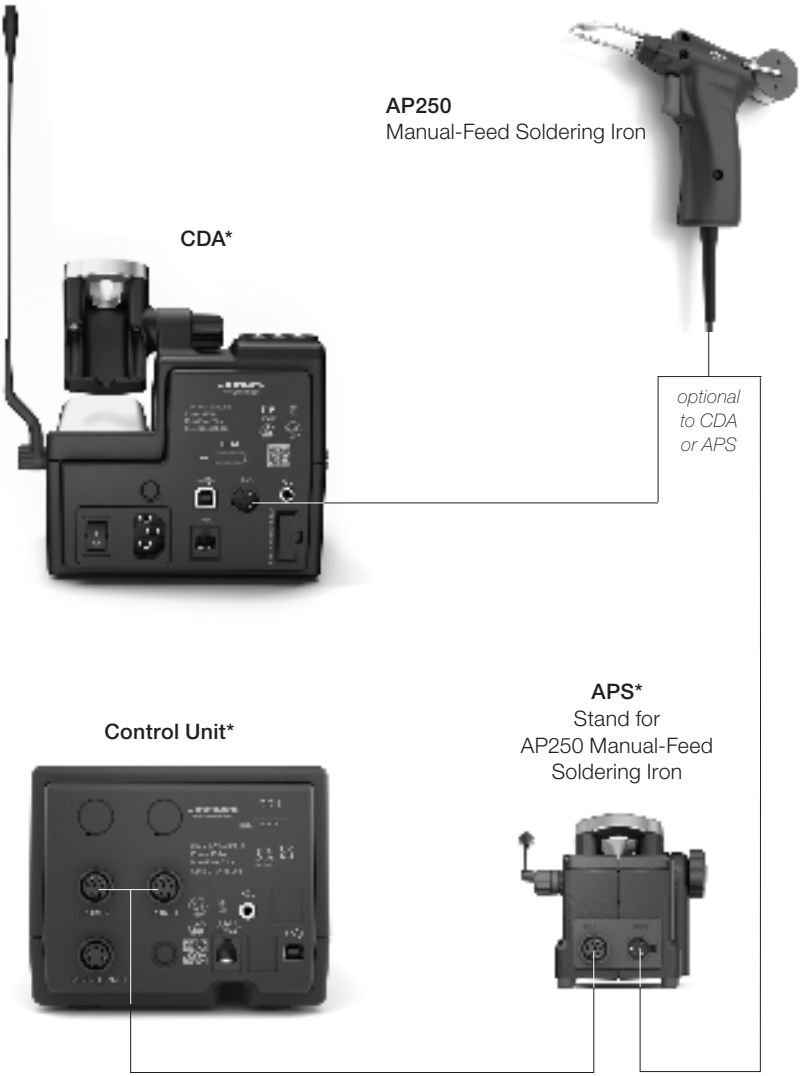
Reel ..... 1 unit
Ref. 0002801

Hexagon Screw Driver ..... 1 unit
Ref. 0023792

Manual ..... 1 unit
Ref. 0028350

Features and Connections

AP250 works with DIU, DDU, DMU Control Units by using APS Stand or optional with CDA Manual-Feed Soldering Station.

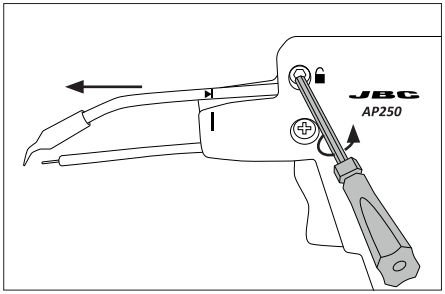


* not included, sold separately.

Changing Cartridges

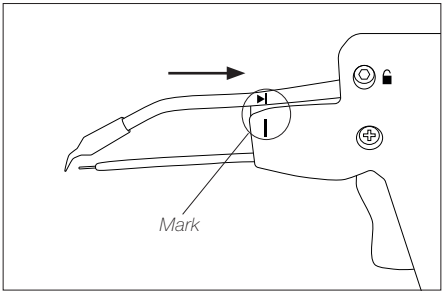
For a safe cartridge change, unplug the tool or turn the station off before following these guidelines:

1. Removing



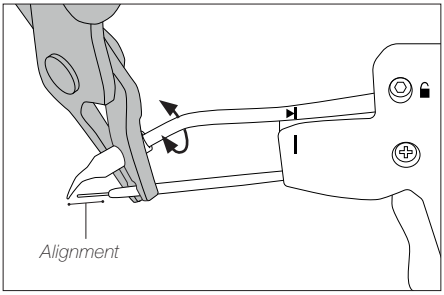
Loosen the screw and remove the cartridge. ⚠ Use JBCs PLR195 catridges extractor pliers to remove it if still hot.

2. Inserting



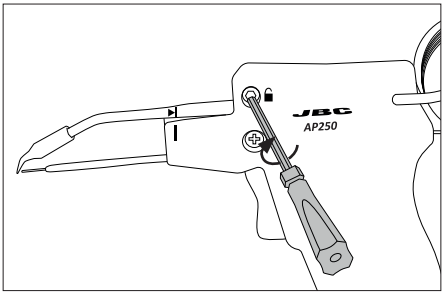
Important: Insert the cartridge as far as the mark for a correct connection.

3. Aligning



Align the tip of the cartridge with the feeder nozzle. ⚠ Use JBCs PLR195 catridges extractor pliers for a correct tip alignment.

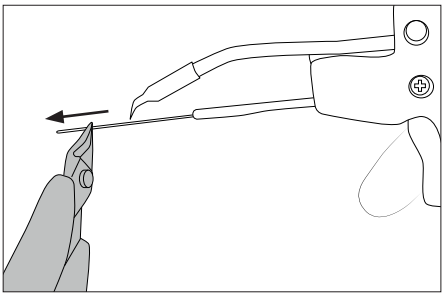
4. Fixing



Important: Tighten the screw again. This is necessary for the tool to function.

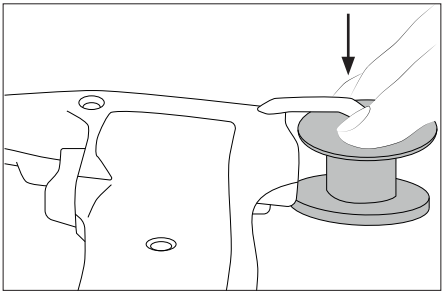
Solder Wire Replacement

1. Removing Remaining Solder Wire



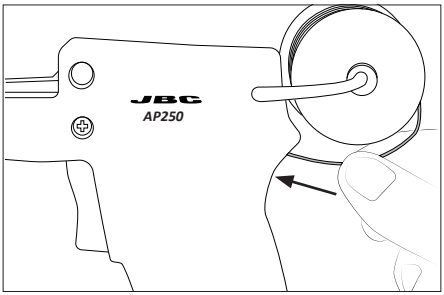
Pull out the remaining solder wire from inside the feeder nozzle. Use a pliers if necessary.

2. Replacing Solder Reel



Remove the empty reel as shown and fit the new one in the same direction.

3. Inserting New Solder Wire



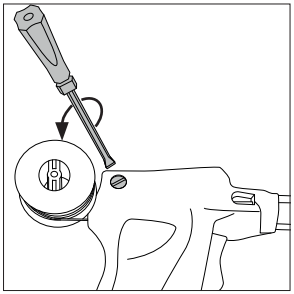
Insert the solder wire while pushing the trigger repeatedly until the solder wire appears at the nozzle.

Note: Use solder wire ø0.8 - 1.0 mm with Nozzle Ref. 0019212 and ø1.1 - 1.5 mm with Ref. 0019211

Changing the Feeder Nozzle

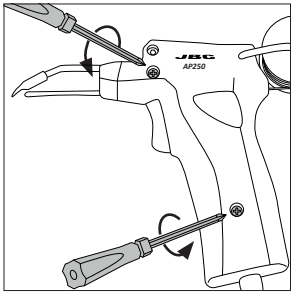
⚠ **Make sure the tool is unplugged.**

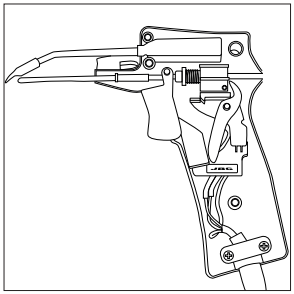
1. Remove the Reel



Open and take out the back side screw to remove the reel and to take out the solder wire from the nozzle.

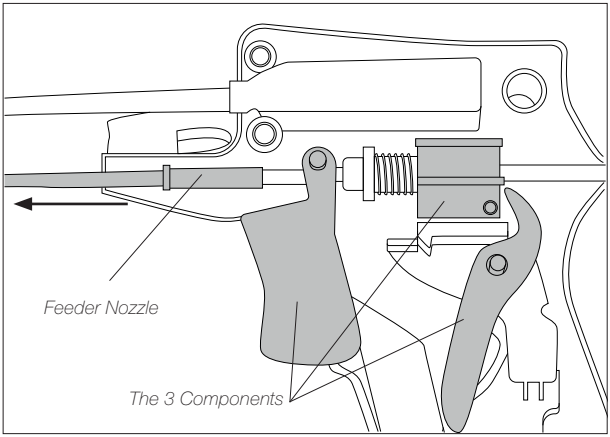
2. Remove the Cover





Then remove the two front side screws and lift the cover off.

3. Remove the Nozzle



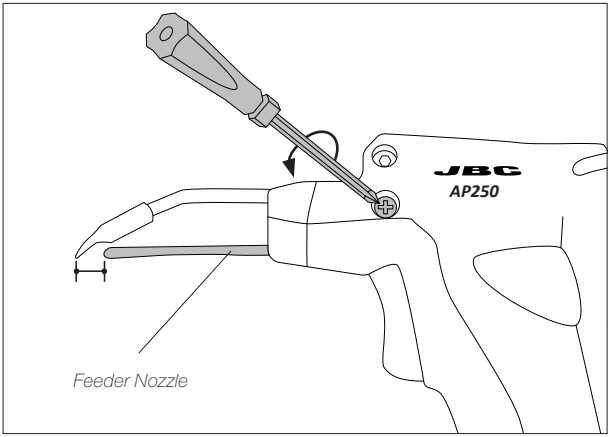
Take out the feeder nozzle and replace it with the new one while holding the following 3 components inplace.

Reassemble the handpiece and tighten the 3 screws.

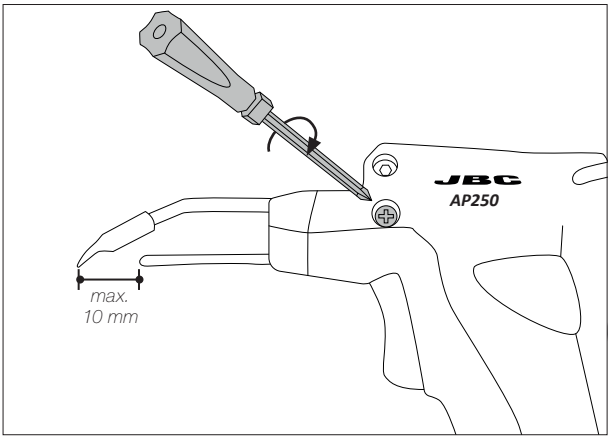
Note: Do not disassemble these 3 components and it is imperative to hold them in its place.

Regulating the Feeder Nozzle

Depending on the component are soldered or the cartridge being used, the length of the feeder nozzle can be either shorten or lengthen (max 10 mm / 0.394 in).



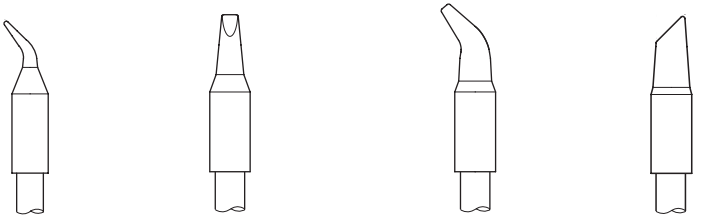
Loosen the screw to change the length of the feeder nozzle.



Adjust the feeder nozzle length to the required length (max 10 mm / 0.394 in) and tighten the screw.

Compatible Cartridges*

AP250 Solder Feed works with C250 cartridges. Find the model that best suits your soldering needs in **www.jbctools.com**



Conical Bent **Chisel** **Chisel Bent** **Bevel**

Accessories

Solder Reel Stand*

For production line work, BES Solder Reel Stand is the ideal solution for easy solder wire supply. Suitable for Solder Reels up to 2.5 kg / 5.512 lb.

Wrap the solder wire twice around the empty reel as shown.

BES
Solder Reel Stand
Ref. BE-SA

AP250
Manual-Feed
Soldering Iron
Ref. AP250-A

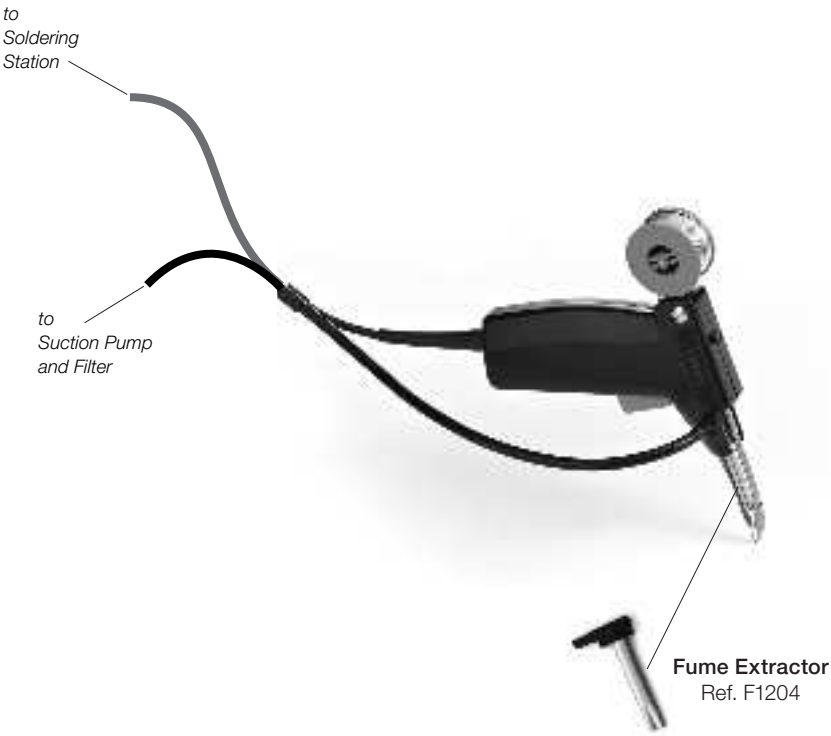
* not included, sold separately.

Accessories

Fume Extractor*

The fume extractor is an easy & safe solution extract the fume generated at the solder joint while soldering.

Note: Suction pump and filter required.



Fume Extractor
Ref. F1204

* not included, sold separately.

Notes

Specifications

AP250
Manual-Feed Soldering Iron
Ref. **AP250-A**

- Solder Wire Diameter:	Up to 1.5 mm / 0.06 in
- Total Net Weight:	232 g / 0.51 lb
- Package Dimensions / Weight: (L x W x H)	245 x 185 x 45 mm / 367 g 9.65 x 7.28 x 1.77 in / 0.81 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 2002/96/EC, electronic equipment at the end of their life must be collected and returned to an authorized recycling facility.

Manual in other languages available on our website

www.jbctools.com

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