



[www.jbctools.com](http://www.jbctools.com)

## INSTRUCTION MANUAL



# WSBT

Stand for WS440

This manual corresponds to the following reference:

**WSBT-B**

## Packing List

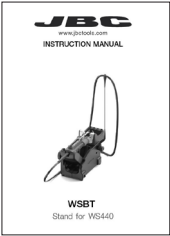
The following items are included:



**Stand for WS440** ..... 1 unit

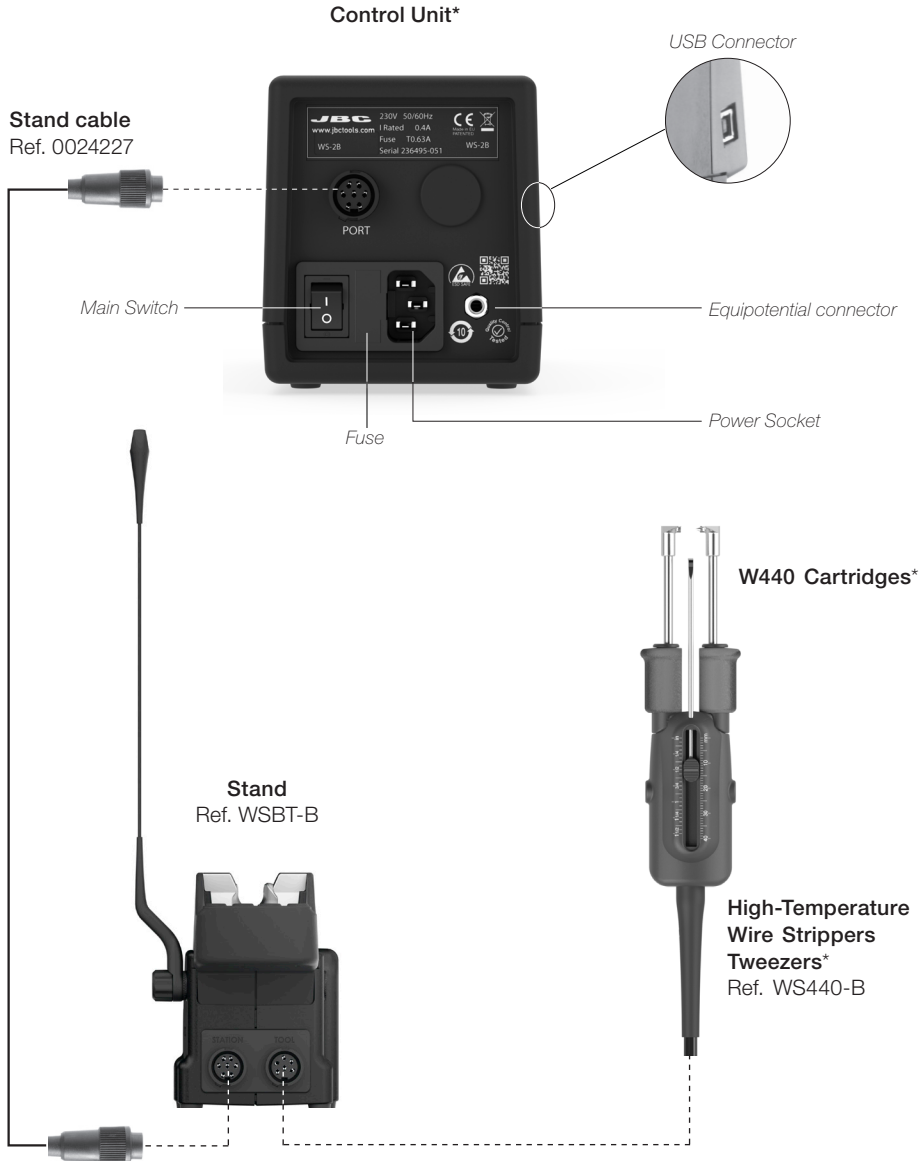


**Stand Cable (length 1m)** .....1 unit  
Ref. 0024227



**Manual** ..... 1 unit  
Ref. 0028125

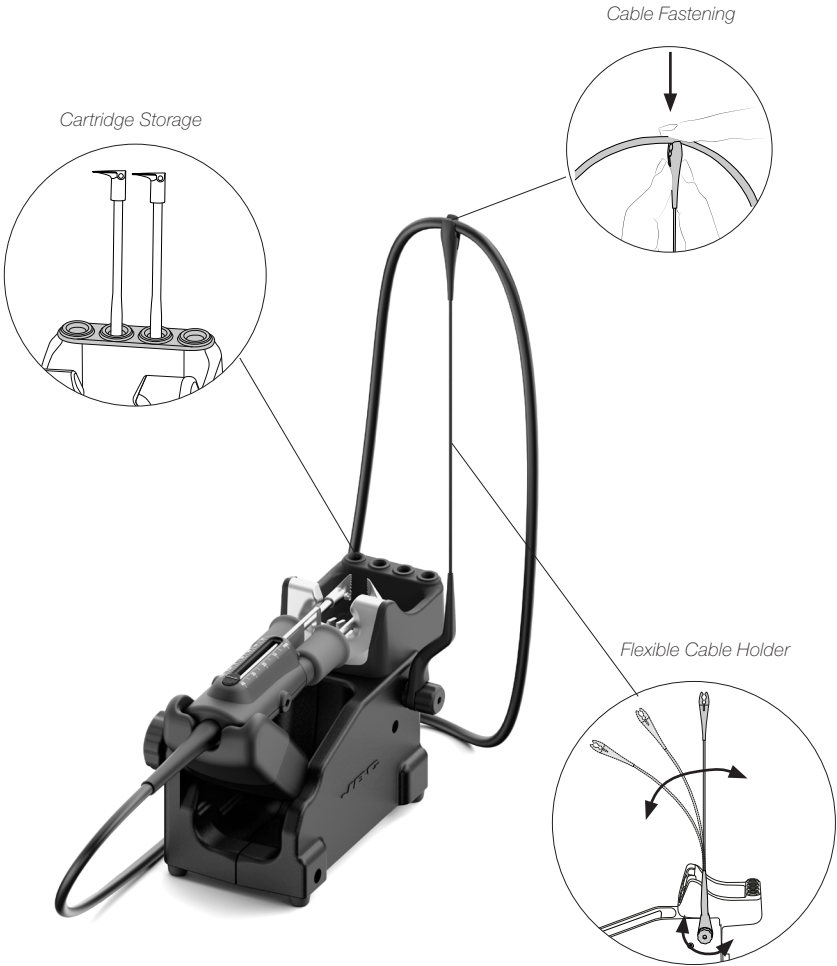
## Features and Connections



\* not included

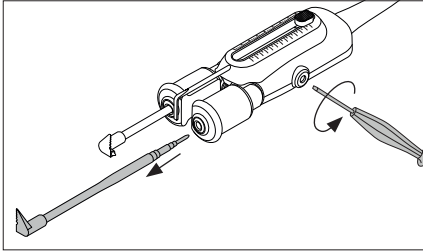
# Features and Assembly

## Cable Collector



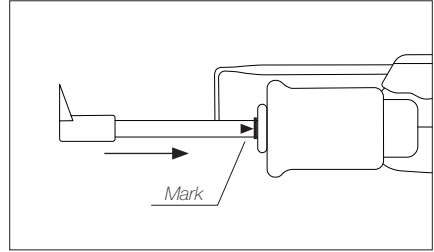
## Changing W440 Cartridges

### 1. Removing



Loosen the screws and remove the cartridges.

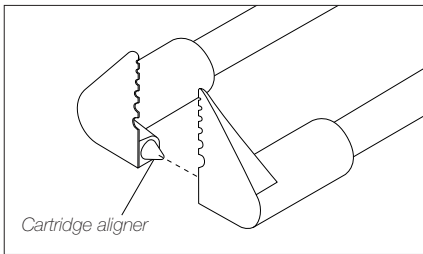
### 2. Inserting



Insert the cartridge until the reference mark. Take the mark as reference and check that both tips match.

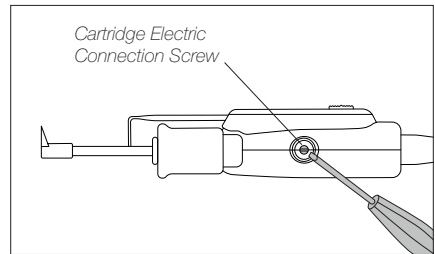
**Important:** It is essential to insert the cartridge till the mark for a good connection.

### 3. Positioning



Align the cartridges in working position using a flat pliers (JBC Ref. PLR-195). The conical cartridge aligner helps centering both cartridges and ensure a good functionality.

### 4. Fixing



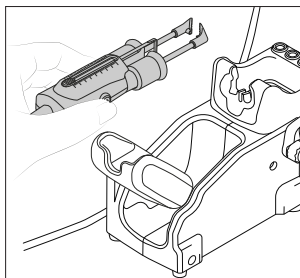
Fix the cartridges in its working position. by tightening the screw.

**Important:** It is essential to tighten the screws for the tool to function.

# Operation

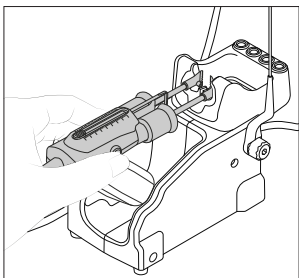
Depending on where the tool is located, the soldering station switches between three different statuses: Work, Sleep and Hibernation.

## 1. Work



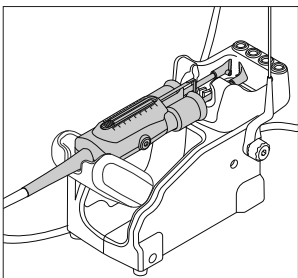
When the wire stripper is lifted from the stand, the cartridges will heat up according to the selected configuration.

## 2. Sleep

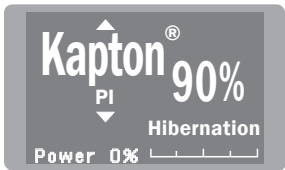
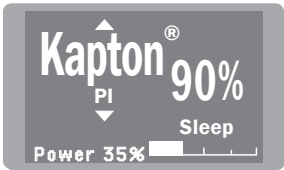
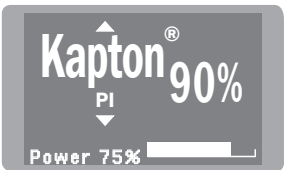


When the wire stripper is in the stand, the power falls after a specified time.

## 3. Hibernation



After longer periods of inactivity, the power is cut off and the cartridges cool down to room temperature.



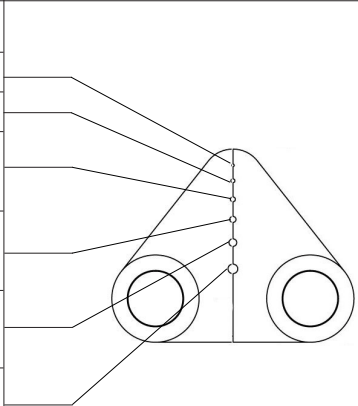
## Troubleshooting

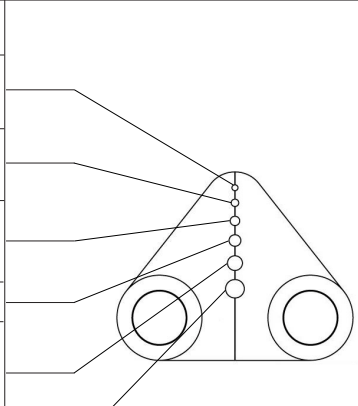
Station troubleshooting available on the product page at [www.jbctools.com](http://www.jbctools.com)

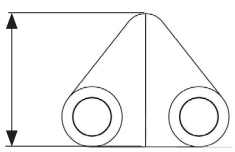
## Cartridge Range W440

**WS440** is compatible with **W440** Blade Cartridge Range. Find the model that best suits your soldering needs on [www.jbctools.com](http://www.jbctools.com).

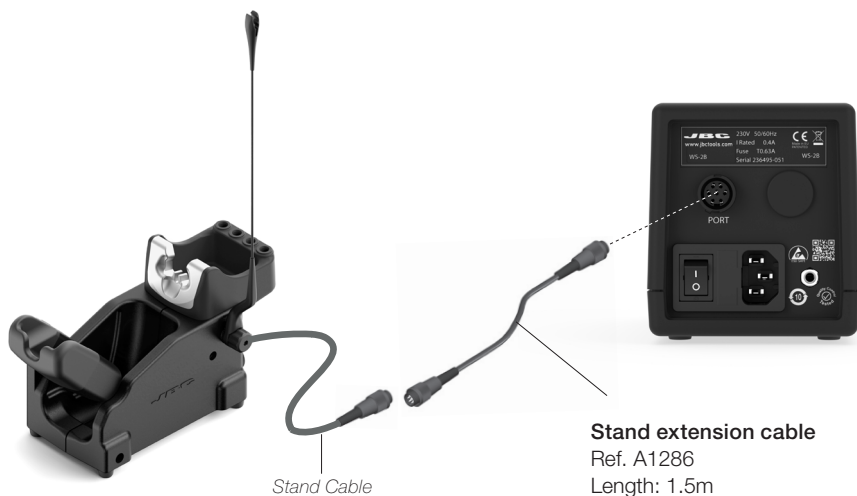
If an application requires a special tip design, contact JBC by mail [customtips@jbctools.com](mailto:customtips@jbctools.com).

| Cartridge<br>Ref. | Tip Hole ø<br>mm / in | AWG<br>Stranded | AWG<br>Solid |  |
|-------------------|-----------------------|-----------------|--------------|--|
| W440021           | 0,16 / 0,0063         | 36 (7x44)       | 34           |  |
|                   | 0,25 / 0,0098         | 32 (19x44)      | 30           |  |
|                   | 0,32 / 0,0126         | 30 (7x38)       | 28           |  |
|                   |                       | 30 (19x42)      |              |  |
|                   | 0,40 / 0,0157         | 28 (19x40)      | 26           |  |
|                   |                       | 27 (7x35)       |              |  |
|                   | 0,51 / 0,0201         | 26 (19x38)      | 24           |  |
|                   |                       | 26 (10x36)      |              |  |
|                   | 0,64 / 0,0252         | 24 (19x36)      | 22           |  |
|                   |                       | 24 (7x32)       |              |  |

| Cartridge Ref. | Tip Hole ø<br>mm / in | AWG<br>Stranded | AWG<br>Solid |  |
|----------------|-----------------------|-----------------|--------------|---|
| W440023        | 0,40 / 0,0157         | 28 (19x40)      | 26           |   |
|                |                       | 27 (7x35)       |              |   |
|                | 0,51 / 0,0201         | 26 (19x38)      | 24           |   |
|                |                       | 26 (10x36)      |              |   |
|                | 0,64 / 0,0252         | 24 (19x36)      | 22           |   |
|                |                       | 24 (7x32)       |              |   |
|                | 0,81 / 0,0319         | 22 (19x34)      | 20           |   |
|                | 1,02 / 0,0402         | 20 (42x36)      | 18           |   |
|                |                       | 20 (19x32)      |              |   |
|                | 1,29 / 0,0508         | 20 (7x28)       | 16           |   |

| Cartridge Ref. | Tip<br>mm / in              |  |
|----------------|-----------------------------|---|
| W440025        | Flat Blade<br>12,5 / 0.4921 |   |

## 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 the 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 JBC authorized technical service.





## Safety



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

### Warning

- Do not touch the blade or the metal parts around.
- Do not allow the blade be close to flammable materials.
- Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves when working to avoid personal harm.
- 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 use of the appliance and understand the hazards involved.
- Maintenance must not be carried out by children unless supervised.
- Place the tool on the stand when is not in use.
- Turn off the power when not in use, changing parts or storing.

### Caution

- Do not use the Wire Stripper for other applications than wire stripping.
- Do not modify or customize the Wire Stripper.
- Do not hit the blade against workbench to eliminate stripped insulation debris. This behavior would damage the blade.
- Remove power from the tool by holding the plug, not the wires.
- Be careful with the fumes produced when stripping. We recomend to use our fume extractor.

## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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## Specifications

### WSBT

#### Stand for WS440

Ref.: WSBT-B

- |                             |                                  |
|-----------------------------|----------------------------------|
| - Total Net Weight:         | 1285 g / 2.83 lb                 |
| - Package Dimension/Weight: | 342 x 155 x 120 mm / 1846 g      |
| (L x W x H)                 | 13.46 x 6.10 x 4.72 in / 3.07 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.

**Get 1 extra year JBC warranty by registering here:**

**<https://www.jbctools.com/productregistration/>**  
**within 30 days of purchase.**



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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