



JBC WS-9UA High Temperature Wire Stripper Control Unit Instruction Manual

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JBC

JBC WS-9UA High Temperature Wire Stripper Control Unit



Product Information

- The WS High-Temperature Wire Stripper Control Unit is a versatile tool designed for precision wire stripping. It is available in three different models: WS-9UA (100V), WS-1UA (120V), and WS-2UA (230V). The control unit features various connectors, including a stand connector, USB connector, and power socket. It also includes a main switch, fuse, and equipotential connector for safe and efficient operation.
- The control unit can be used with two different accessories: WSST (Stand for WS140 High-Temperature Precision Wire Stripper Tweezers) and WSBT (Stand for WS440 High-Temperature Wire Stripper Tweezers). These accessories are sold separately and provide additional functionality to the control unit.

Features

- Stand Connector for easy integration with WSST or WSBT
- USB Connector for connecting to external devices
- Main Switch for turning the control unit on/off
- Fuse for protection against electrical surges
- Equipotential Connector for grounding the unit
- Power Socket for connecting the power cord

Packing List

- **High-Temperature Wire Stripper Control Unit** – 1 unit
- **Power Cord** – 1 unit (Ref. 0024092 for 100V, Ref. 0023715 for 120V, Ref. 0023714 for 230V)
- **Manual** – 1 unit (Ref. 0030997)

Product Usage Instructions

Control Process:

The control unit has a work screen that displays the power level by default. It can be changed to display the

temperature level instead. To switch between power and temperature levels, follow the steps below:

1. Press the main menu button.
2. Select “Work Mode” and press again.
3. By default, the display shows Power Mode (1). Press the up or down button to switch to Temperature Mode (2).

Work Modes:

The control unit offers two working modes: predefined values for different materials and customizable values.

- **Predefined Values:** To choose from the predefined material options, press the up or down button to scroll through the menu. The power and temperature levels will be automatically set according to the selected material.
- **Customizable Value:** To work with customized power or temperature values, press the main menu button, select “Work Mode,” and then press the up or down button to select the desired value.



Operation:

The control unit operates in three different states depending on its location: Work, Sleep, and Hibernation. These states are available for use with JBC’s High-Temperature Wire Strippers Tweezers WS140 and WS440.

Note: For detailed instructions on using the WSST or WSBT accessories, please refer to their respective user manuals.

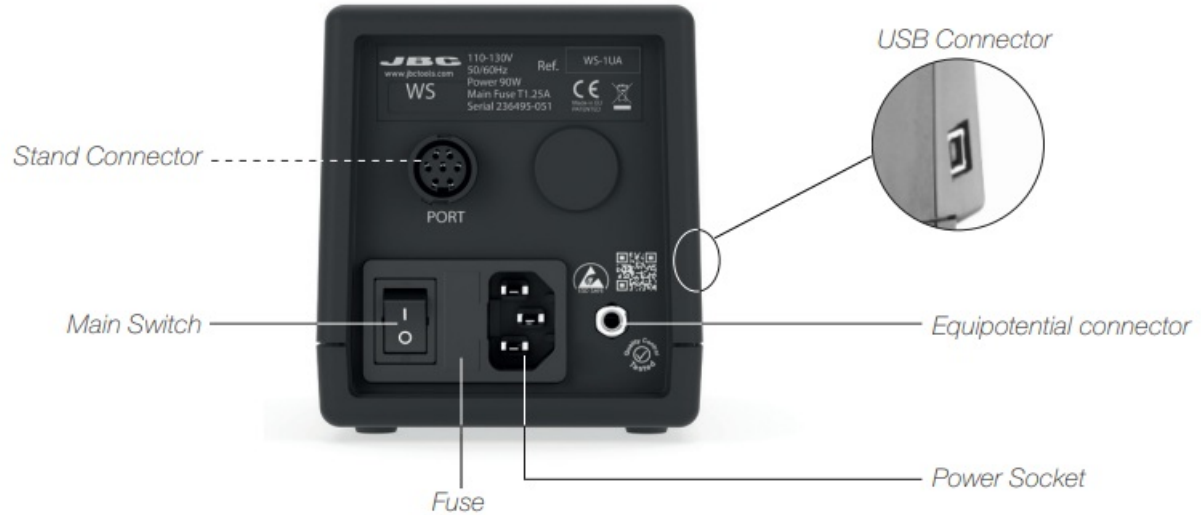
Packing List

The following items are included:

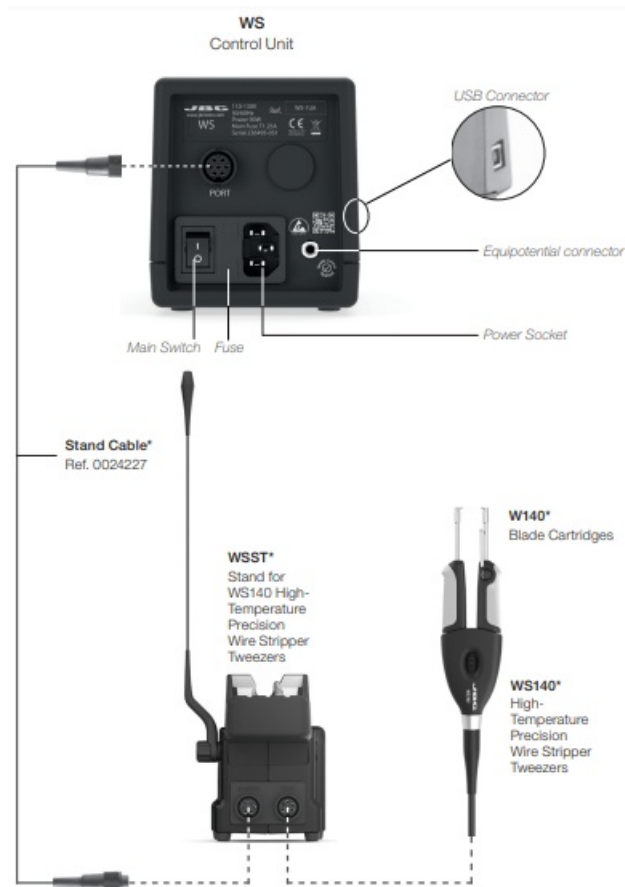
		
High-Temperature Wire Stripper Control Unit 1 unit	Power Cord 1 unit Ref. 0024092 (100V) 0023715 (120V) 0023714 (230V)	Manual 1 unit Ref. 0030997

Features

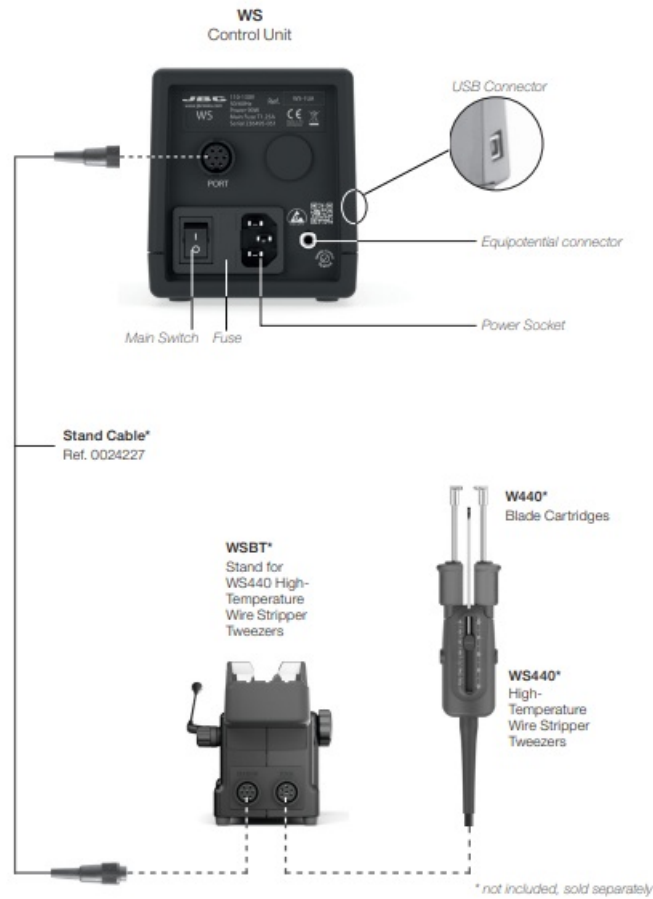
WS Control Unit



Connections with WSST – WS140



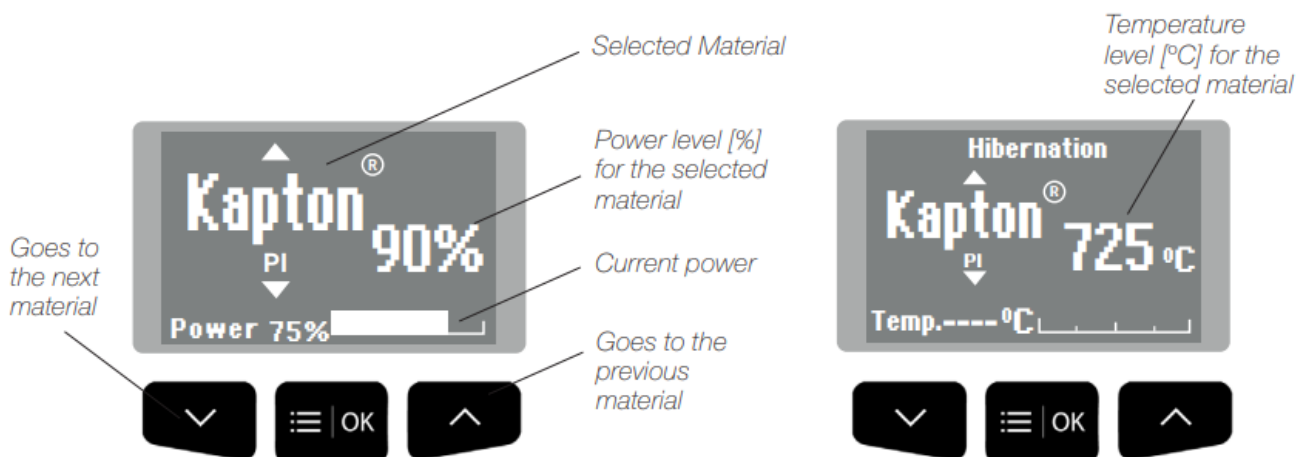
Connections with WSBT – WS440



Control Process

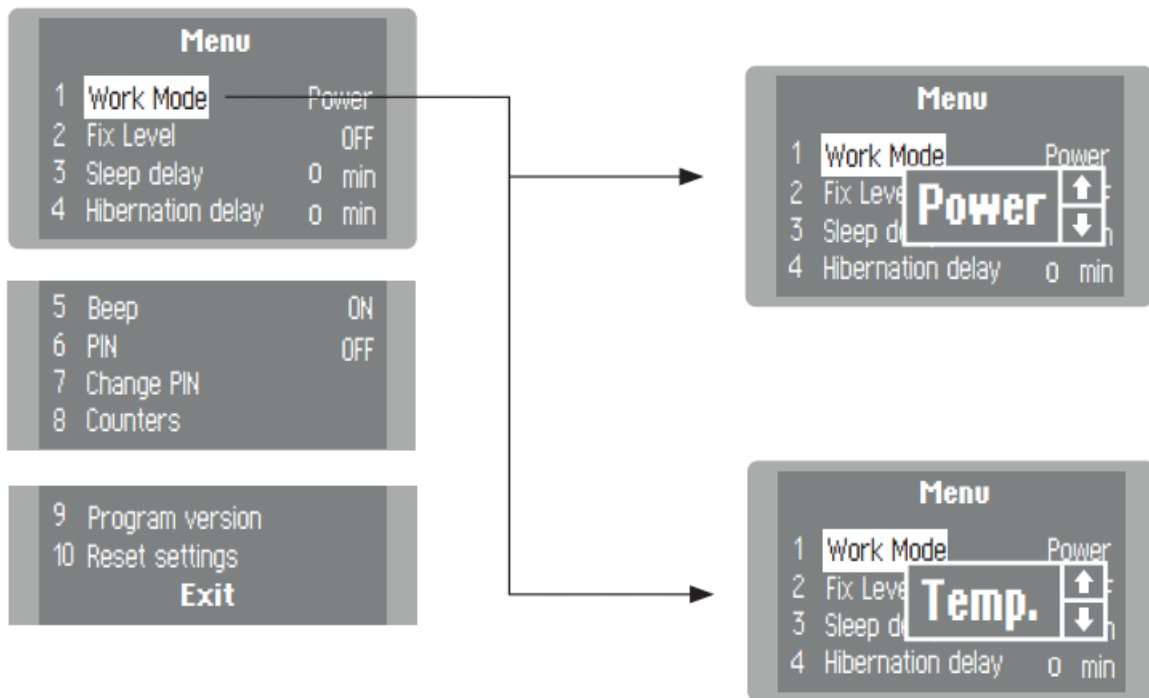
Work Screen

- By default the “power level” is displayed at the work screen (1). It displays the power percentage.
- It can be chosen to display the “temperature level” (2) in place of the power level. To do so follow the description below on the topics Power and Temperature Levels.





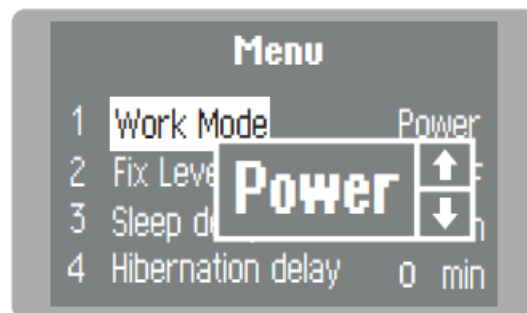
Menu Display

Default PIN: 0105

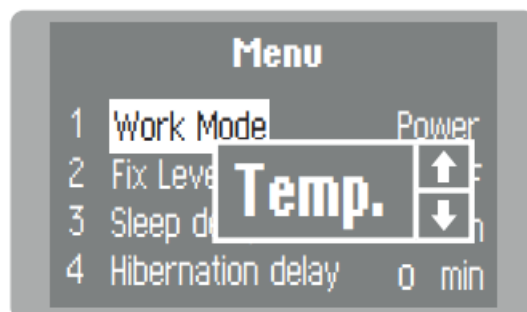


Power and Temperatur Levels


- Press  to enter main menu, select Work Mode and press  again. By default the Display shows "Power Mode" (1)





- Press  or  to switch from Power Mode to "Temperature Mode" (2).

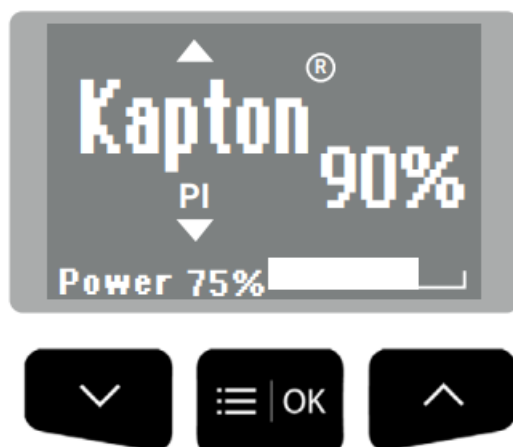


Work Modes




WS offers two different working modes. It can be chosen between predefined values for different materials and a customizable value by pressing short time .

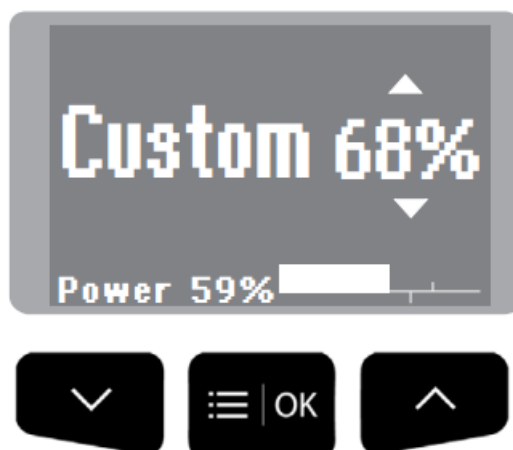
Predefined Values

To choose from the material options the desired material, press the button  or  to scroll the menu up and down.



Customizable Value

To work with customized values, press  and then the button  or  to select the power or temperature value.



Predefined Materials to Choose From

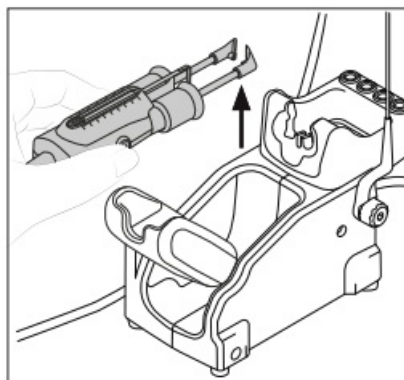
	Insulation Material	Symbol	Power Levels	Temp. Levels
Thermoplastics	Polyvinyl Chloride	PVC	6%	150 °C
	Polyethylene	PE	7%	175 °C
	Nylon ¹	PA	10%	235 °C
	Kynar ²	PVDF	16%	335 °C
	Tefzel ¹	ETFE	17%	345 °C
Thermostable	Teflon ¹	FEP	16%	335 °C
		PFA	21%	385 °C
		PTFE	40%	515 °C
	Ethylene Propylene Rubber	EPM/EPR	44%	535 °C
	Silicone Rubber	SI	51%	565 °C
	Kapton ¹	PI	90%	725 °C

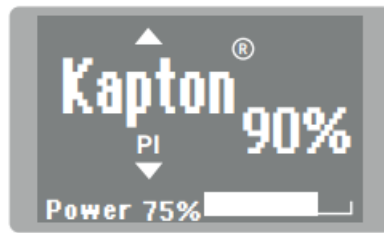
Operation

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

1. Work

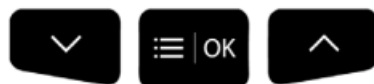
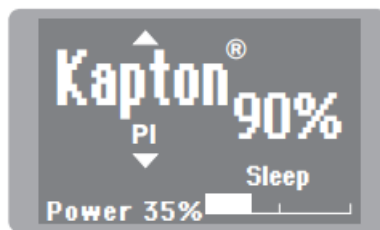
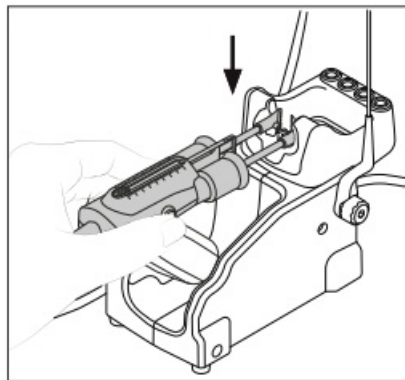
When the wire stripper is lifted from the stand, the cartridges will heat up according to the selected configuration.





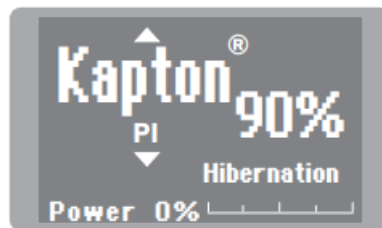
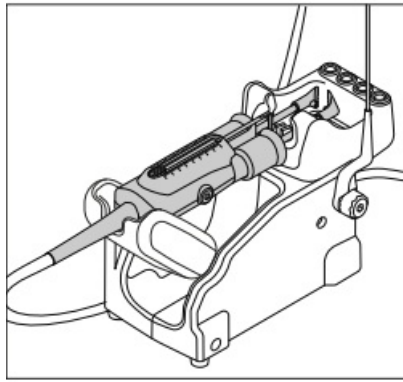
2. Sleep

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.



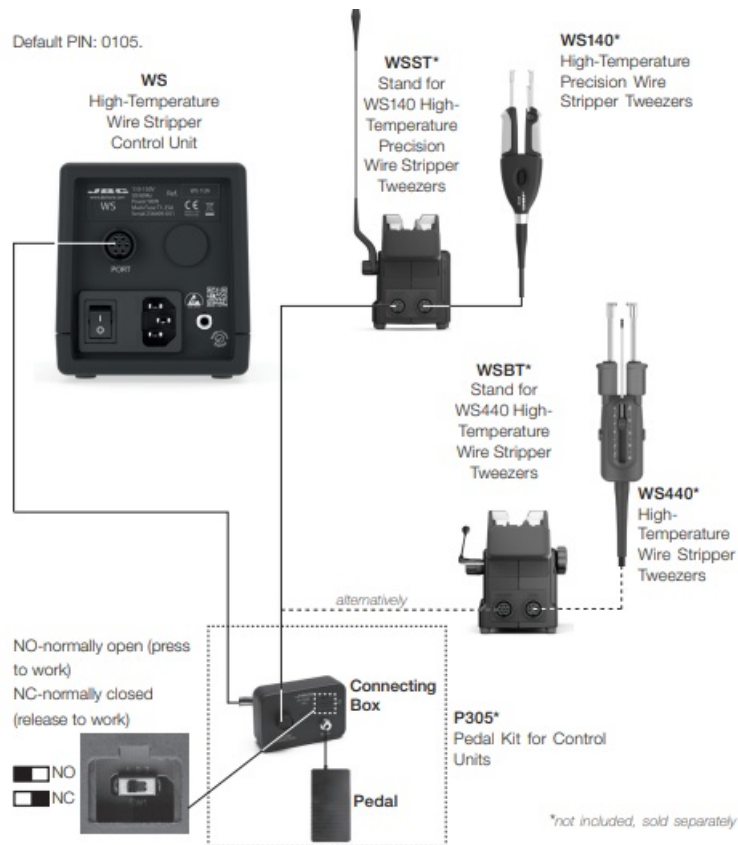
Troubleshooting

Station troubleshooting available on the product page at www.jbctools.com

Accessories

Pedal P305

- It can be used to activate/deactivate the Wire Stripper. Sleep and hibernation delay has to be set to 0 min.
- Lift the wire stripper from the stand, press and hold the pedal to activate them and strip the wire. Once the pedal is released the wire stripper enters in Hibernation. To reverse the pedal functionality flip the switch of the connection box.



Flat Screw Driver*

To loosen or tighten the wire stripper screws use JBC Flat Screwdriver (Ref. 0023511).



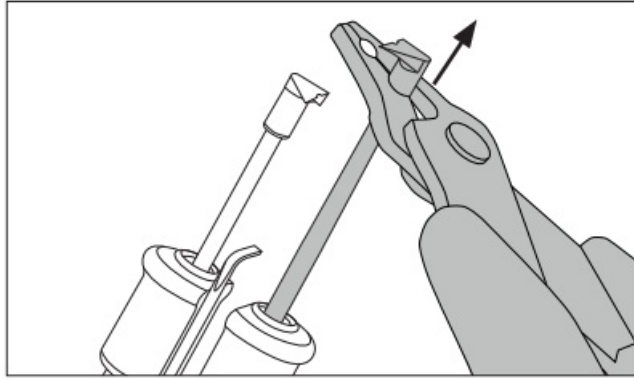
Cartridge Extractor Pliers

To manipulate the cartridges use JBC's Cartridge Extractor Pliers (Ref. PLR195). More Information at www.jbctools.com



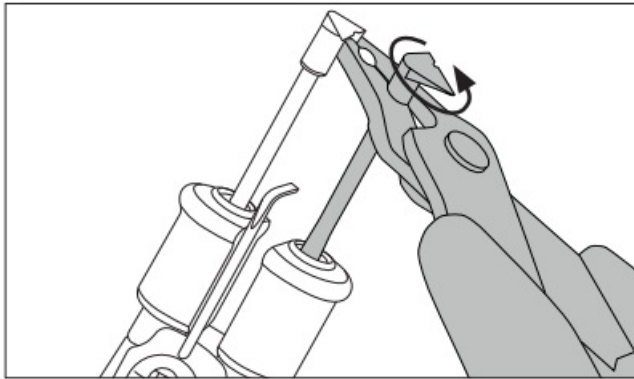
Removing

Remove cartridges with JBC's Cartridge Extractor Pliers (Ref. PLR195).



Inserting and Positioning

Align cartridges with JBC's pliers.



Metal Brush

For cleaning the tips if unwanted material gets stuck in use JBC's Metal Brush (Ref. 0022793).



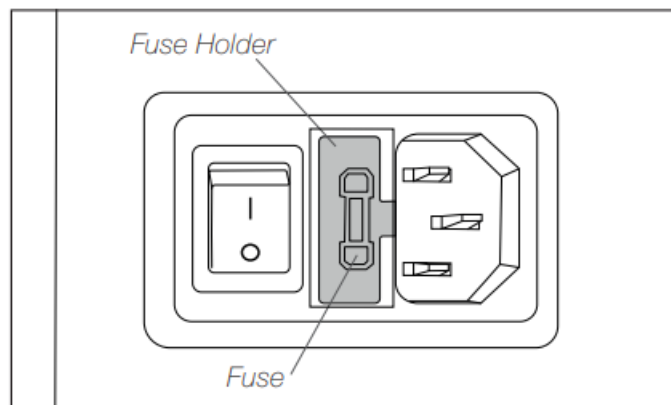
Maintenance

Before carrying out maintenance or storage, always allow the equipment to cool and unplug the stand from the station and the tool.

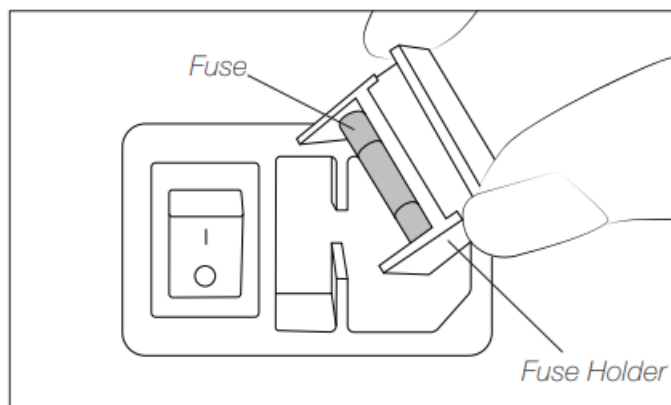
- Clean the station screen with a glass cleaner or a damp cloth.
- Use a damp cloth to clean the casing, the stand and the tool. Alcohol can only be used for cleaning the metal parts.
- Periodically check that the metal parts of the tool and stand are clean so that the station can detect the tool status.
- Maintain tip surface clean in order to ensure a correct stripped wire.
- Periodically check all cables.
- Replace a blown fuse as follows (see specification chart) :



1. Take out the fuse holder and remove the fuse. If necessary use a tool to lever it out.



2. Press the new fuse into the fuse holder and reinsert it in the station.



- Replace any defective or damaged pieces. 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.

Specifications

WS

High-Temperature Wire Stripper Control Unit

- **Ref.:** WS-9UA 100V 50/60Hz. Input Fuse: T1.6A. 5x20mm Output: 15V
- **Ref.:** WS-1UA 120V 50/60Hz. Input Fuse: T1.25A. 5x20mm Output: 15V.
- **Ref.:** WS-2UA 230V 50/60Hz. Input Fuse: T0.63A. 5x20mm Output: 15V.
- **Temperature Max :** 800 °C /1472 °F
- **Power:** 75W
- **Ambient operating temp:** 10 to 50 °C /50 to 120 °F
- **Connections:** USB-B
- **Control Unit Dimensions:** 180 x 94 x 106 mm (L x W x H) 7.1 x 3.7 x 4.2 in
- **Total Net Weight:** 2.00 kg / 4.41 lb
- **Total Package Dimensions / Weight:** 213 x 220 x 160 mm / 2.52 kg (L x W x H) 8.39 x 8.66 x 6.30 in /5.56 lb

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.

ABOUT COMPANY

- 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

Documents / Resources

<div> www.jbctools.com INSTRUCTION MANUAL</div> <div></div> <div>WS High-Temperature Wire Stripper Control Unit</div>	<p>JBC WS-9UA High Temperature Wire Stripper Control Unit [pdf] Instruction Manual WS-9UA High Temperature Wire Stripper Control Unit, WS-9UA, High Temperature Wire Stripp er Control Unit, Temperature Wire Stripper Control Unit, Wire Stripper Control Unit, Stripper Control Unit, Control Unit</p>
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