

**JBC**

The Soldering Co.




## **Wire Stripper Station**

Designed for thermal wire insulation stripping


# WSS High-Temperature Precision Wire Stripper Station


## Insulation Materials

 **POLYVINYL CHLORIDE**  
Symbol: PVC  
Power Level: 6%  
Thermoplastic


 **POLYETHYLENE**  
Symbol: PE  
Power Level: 7%  
Thermoplastic


 **NYLON<sup>®1</sup>**  
Symbol: PA  
Power Level: 10%  
Thermoplastic


 **KNAR<sup>®2</sup>**  
Symbol: PVDF  
Power Level: 16%  
Thermoplastic

 **TEFZEL<sup>®1</sup>**  
Symbol: ETFE  
Power Level: 17%  
Thermoplastic

 **TEFLON<sup>®1</sup>**  
Symbol: FEP / PFA / PTFE  
Power Level: 16% / 21% / 40%  
Thermostable

 **ETHYLENE PROPYLENE/  
RUBBER**  
Symbol: EPM/EPR  
Power Level: 44%  
Thermostable

 **SILICONE RUBBER**  
Symbol: SI  
Power Level: 51%  
Thermostable

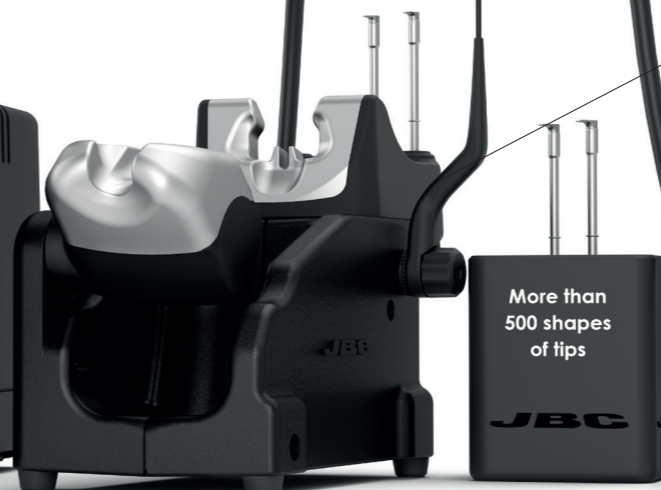
 **KAPTON<sup>®1</sup>**  
Symbol: PI  
Power Level: 90%  
Thermostable

<sup>1</sup> Registered Trade Marks of DuPont

<sup>2</sup> Registered Trade Marks of Arkema

**WS**  
High-Temperature  
Wire Stripper Control Unit  
Specially designed for stripping wire  
insulations made of thermostable  
materials such as Teflon<sup>®</sup>, Kapton<sup>®</sup>,  
silicone, rubber, etc.

It incorporates predetermined power  
levels for each type of material. In addition, it  
features a customized working mode.



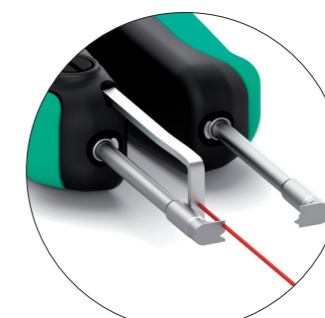
**WS140**  
High-Temperature Precision Wire Stripper Tweezers

WS140 works exclusively with the interchangeable  
**W140 Blade Cartridge Range** which  
includes different AWG sizes  
from 40 to 14 AWG and reaches  
temperatures of up to 800°C / 1470°F.

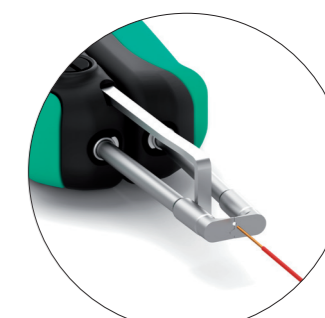
## Specifications

Control unit dimensions	180 x 94 x 106 mm / 7.09 x 3.70 x 4.17 in
Control unit weight	5.49 kg. / 12.11 lb.
Ref. - Voltage (AC) / Fuse	<b>WSS-9B</b> - 100V 50/60 Hz.
	<b>WSS-1B</b> - 120V 50/60 Hz.
	<b>WSS-2B</b> - 230V 50/60 Hz.
Max. temperature	800 °C / 1472 °F

Output peak power	75 W
Ambient operating temp.	10 to 50 °C / 50 to 120 °F
Connections	USB-B
Complies with CE standards. ESD Protected.	



Measure



Strip

**WSST**  
Stand for WS140

Sleep & Hibernation Modes automatically detect the  
tool in the stand and reduce the tip temperature.  
Hibernation cuts off power supply  
preventing oxidation.

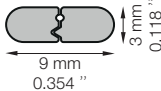
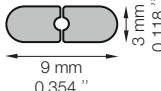
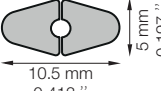
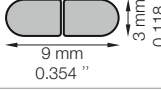
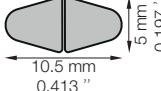
The position of the tool holder is easily adjustable  
to suit your needs and **Cable Collector** is designed  
for perfect **movement adaptation** and to keep  
cables away from the working area.

**SCH**

Cartridge Holder

A practical and **stable holder**  
for cartridge storage and  
suitable for the following cartridges:  
C120, C210, C245, C250, C420, C470,  
**W140, W440**, and C560 Desoldering Tips.

## W140 Blade Cartridge Range for WS140 Precision Tweezers

Cartridge Ref.	Tip Hole	AWG Solid	AWG Stranded	
<b>W14036G</b>	Ø 0.13 mm / 0.0051 in	36	-	
<b>W14034G</b>	Ø 0.16 mm / 0.0063 in	34	36 (7 x 44)	
<b>W14032G</b>	Ø 0.20 mm / 0.0079 in	32	34 (7 x 42)	
<b>W14030G</b>	Ø 0.25 mm / 0.0098 in	30	32 (19 x 44)	
<b>W14028G</b>	Ø 0.32 mm / 0.0126 in	28	30 (7 x 38) 30 (19 x 42)	
<b>W14026G</b>	Ø 0.40 mm / 0.0157 in	26	28(19 x 40) 27 (7 x 35)	
<b>W14024G</b>	Ø 0.51 mm / 0.0201 in	24	26 (19 x 38) 26 (10 x 36)	
<b>W14022G</b>	Ø 0.64 mm / 0.0252 in	22	24 (19 x 36) 24 (7 x 32)	
<b>W14020G</b>	Ø 0.81 mm / 0.0319 in	20	22 (19 x 34) 20 (42 x 36)	
<b>W14018G</b>	Ø 1.02 mm / 0.0402 in	18	20 (19 x 32) 20 (7 x 28)	
<b>W14016G</b>	Ø 1.29 mm / 0.0508 in	16	18 (19 x 30)	
<b>W14014G</b>	Ø 1.63 mm / 0.0642 in	14	16 (7 x 24)	
<b>W14003F</b>	Flat Blade: Ø 3 mm / 0.118 in	-	-	
<b>W14005F</b>	Flat Blade: Ø 5 mm / 0.197 in	-	-	
<b>W14012F</b>	Flat Blade: Ø 12 mm / 0.472 in	-	-	