

**JBC**

The Soldering Co.



## Wire Stripper Stations

Designed for thermal wire insulation stripping

# Wire Stripper Stations

Our **WSS** and **WSB** Wire Stripper Stations are specially designed for stripping high-temperature wire insulations.

**WSST** Stand for WS140 / **WSBT** Stand for WS440  
**Sleep & Hibernation Modes** automatically detect the tool in the stand and reduces the tip temperature.

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.

**WSU**  
**High-Temperature Wire Stripper Station**  
Specially designed for stripping wire insulations made of thermostable materials such as Teflon\*, Kapton\*, silicone, rubber, etc.

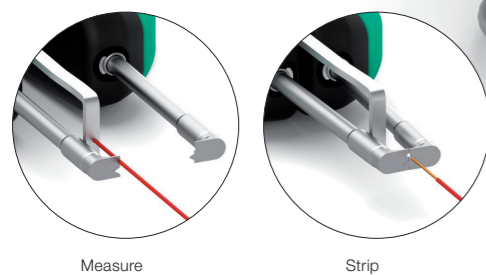
It incorporates predetermined power levels for each type of material. In addition, it features a customized working mode.

**CC1001**  
**Cable Collector**  
Designed for a **perfect movement adaptation**, avoiding any undesired movement in the tool while performing your soldering job and keeping the troublesome cables away from the soldering area.

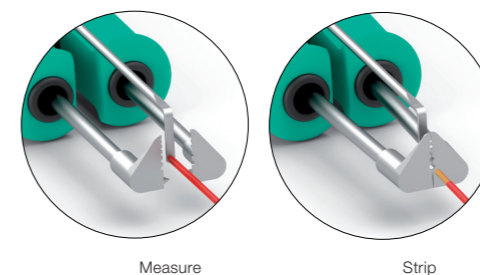
**SCH**  
**Cartridge Holder**  
A practical and **stable holder for cartridge storage** and suitable for the following cartridges:

C120, C210, C245, C250, C420, C470, **W140, W440**, and C560 Desoldering Tips.

**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 (0.08 to 1.63 mm)** and reaches temperatures up to **800°C**.



**WS440**  
**High-Temperature Wire Stripper Tweezers**  
WS440 works exclusively with the interchangeable **W440 Blade Cartridge Range** which includes different AWG sizes from **34 to 16 AWG (0.16 to 1.29 mm)** and reaches temperatures up to **800 °C**.



## Insulation Materials

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

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

**NYLON®¹**  
Symbol: PA  
Power Level: 10%  
Thermoplastic

**KNAR®²**  
Symbol: PVDF  
Power Level: 16%  
Thermoplastic

**TEFZEL®¹**  
Symbol: ETFE  
Power Level: 17%  
Thermoplastic

**TEFLON®¹**  
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®¹**  
Symbol: PI  
Power Level: 90%  
Thermostable

¹ Registered Trade Marks of DuPont

² Registered Trade Marks of Arkema

## Specifications

Ref. - Voltage (AC) / Fuse	WSS-9A - 100V 50/60Hz.	Max. Temperature	800 °C / 1472 °F
	WSS-1A - 120V 50/60Hz.	Output Peak Power	75 W
	WSS-2A - 230V 50/60Hz.	Operating temp. range	10 to 50 °C / 50 to 120 °F
	WSB-9A - 100V 50/60Hz.	Connections	USB-B
	WSB-1A - 120V 50/60Hz.	Complies with CE standards. ESD Protected.	
	WSB-2A - 230V 50/60Hz.		

## W140 Blade Cartridge Range for WS140 Precision Tweezers

Cartridge Ref.	Tip Hole	AWG Solid	AWG Stranded	
<b>W14040G</b>	Ø 0.08 mm / 0.0031 in	40	-	
<b>W14038G</b>	Ø 0.10 mm / 0.0039 in	38	-	
<b>W14037G</b>	Ø 0.11 mm / 0.0043 in	37	-	
<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)	
<b>W14024G</b>	Ø 0.51 mm / 0.0201 in	24	27 (7 x 35)	
			26 (19 x 38)	
<b>W14022G</b>	Ø 0.64 mm / 0.0252 in	22	26 (10 x 36)	
			24 (19 x 36)	
<b>W14020G</b>	Ø 0.81 mm / 0.0319 in	20	24 (7 x 32)	
			22 (19 x 34)	
<b>W14018G</b>	Ø 1.02 mm / 0.0402 in	18	20 (42 x 36)	
			20 (19 x 32)	
<b>W14016G</b>	Ø 1.29 mm / 0.0508 in	16	20 (7 x 28)	
			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	-	-	

## W440 Blade Cartridge Range for WS440 Tweezers

Cartridge Ref.	Tip Hole	AWG Solid	AWG Stranded	
<b>W440021</b>	Ø 0.16 mm / 0.0063 in	34	36 (7x44)	
	Ø 0.25 mm / 0.0098 in	30	32 (19 x 44)	
	Ø 0.32 mm / 0.0126 in	28	30 (7 x 38)	
			30 (19 x 42)	
	Ø 0.40 mm / 0.0157 in	26	28 (19 x 40)	
	Ø 0.51 mm / 0.0201 in	24	27 (7 x 35)	
			26 (19 x 38)	
Ø 0.64 mm / 0.0252 in	22	26 (10 x 36)		
<b>W440023</b>	Ø 0.4 mm / 0.0157 in	26	24 (19 x 36)	
			27 (7 x 35)	
	Ø 0.51 mm / 0.0201 in	24	26 (19 x 38)	
			26 (10 x 36)	
	Ø 0.64 mm / 0.0252 in	22	24 (19 x 36)	
	Ø 0.81 mm / 0.0319 in	20	24 (7 x 32)	
			22 (19 x 34)	
Ø 1.02 mm / 0.0508 in	18	20 (42 x 36)		
		20 (7 x 28)		
Ø 1.29 mm / 0.0508 in	16	18 (19 x 30)		
<b>W440025</b>	Flat Blade: 12.5 mm / 0.4921 in	-	-	

