

JBC

The Soldering Co.



Wire Stripper Station

Designed for thermal wire insulation stripping

Matronic
ELECTRONIC PRODUCTION TECHNOLOGY

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^{®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



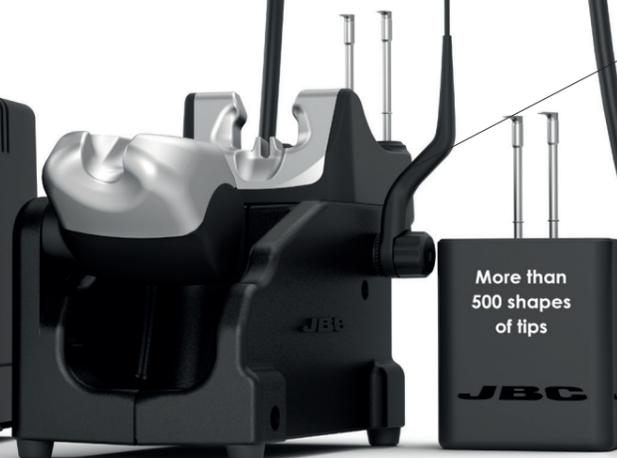
KAPTON^{®1}
Symbol: PI
Power Level: 90%
Thermostable

¹ Registered Trade Marks of DuPont

² Registered Trade Marks of Arkema

WS
High-Temperature
Wire Stripper Control Unit
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.



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.



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 | WSS-9B - 100V 50/60 Hz. |
| | WSS-1B - 120V 50/60 Hz. |
| | WSS-2B - 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. | |

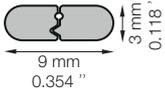
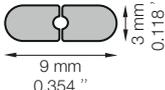
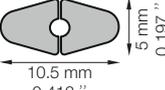
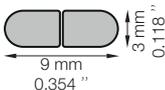
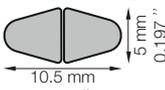
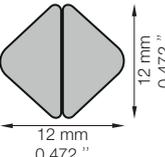


Measure



Strip

W140 Blade Cartridge Range for WS140 Precision Tweezers

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

ESD safe