

T0053294399 PROMO	WELLER WSD 81I SOLDERING STATION, 80W, WITH FREE MAINTENANCE KIT AND LT1 TIP
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WSD 81i

80 W iron, wett cleaning

Code-Number: T005 32 946 99 (EU-Version)

T005 32 943 99 (UK-Version)

Technical Data:

Mains supply voltage	230 V ~ 50/60 Hz, 240/120 V ~ 50/60 Hz, 120 V ~ 60 Hz, 100 V ~ 50/60 Hz
Power consumption	95 W
Temperature range	50°C - 450°C (150°F - 850°F)
Temperature accuracy	± 2%
Scope of supply	PUD 81, WSP 80, KH 18



Highly Cost Efficient

- Automatic Energy Savings Mode
- Extended soldering tip life
- Reduction of production costs



Optimal Safety

- Various potential equalization possibilities
- Maximum safety with low voltage
- Ideal for Electrostatic Protected Areas
- Ground monitoring NOT required
- Dangerous high frequency technology is NOT used



Perfect operation

- Easy to operate
- Special functions can be set
- IPC conform - NO CALIBRATION REQUIRED



Maximum Flexibility

- soldering iron 80 W, wett cleaning
- Rapid & simple tool change
- Compatible with many different tools
- Perfect for diverse soldering applications



Maximum Precision

- Exact temperature accuracy
- Process controlled soldering via parameter lock out
- Guaranteed process safety
- Offset functions

Produkt Informationen



WDC Dry cleaner set

Bestellnummer : T0051512699



Cleaning Kit WDC/WPB81/Tip Activator/Stainless steel brush

When using lead free you will be experienced an increased in oxidation in the wettable area of the tip. These oxides must be removed regularly otherwise it will make the tip completely unwettable and not usable anymore.

When cleaning the tip by means of the Weller WDC Dry Cleaner a special brass wool is used.

First the surplus solder is removed by tapping the tip on the soft edge of the collector box. The final cleaning is then done by pushing and turning the tip in the brass wool. After cleaning there is still a fine amount of solder on the tip avoiding fast oxidation of the iron layer which is an advantage versus the cleaning by the wet sponge.

The brass wool can be soaked in flux which may improve the performance further. More information's for cleaning you can find on page 154/155.

Why dry cleaning?

- Best cleaning effect
- Soldering tip will be cleaned but stays wetted
- Flux will be removed
- Safe from oxidation ■

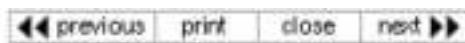
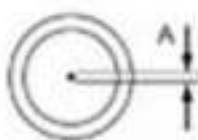
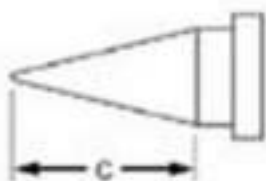
Less temperature shock

Dry cleaning with WDC

- Best treatment for soldering tips
- No-clean flux
- Minimisation of the erosion
- Percentage of flux: 3,5%
- Double soldering tip lifetime
- Superior wetting properties
- Reduced spring effect - less solder splashes

Weller

.010" x .43" Reach Round LT Series Tip for WSP80 Soldering Pencil



Product Details

Catalog No.	LT1
UPC Code	037103143273
Fits Tool(s)	WSP80
Tip Style	Round
Tip Width O/D	.01 in./ .25 mm
Tip Thickness/Height/ I/D	Not Measured
Reach/Length	.43 in./10.92 mm
Packaging	Peg Hook/Retail Packaging
Literature	550517.pdf
Tech. Spec.	Solder Safety Warnings.pdf
Lineart	LT1.pdf
Low Res. Image	LT1_100.jpg
High Res. Image	LT1_300.jpg
Parts List	LT TIP DATA.pdf
Stock Item	Normal Stock Item

Package Details (Dimensions)

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Product Features:

- Solid copper plated with iron all over
- Nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged