WSL/WSL2 Digital Soldering Station with WMP Micro Soldering Pencil

WSL includes: *WSLPU* power unit, *WMP* soldering pencil, and *WMPH* stand and sponge.

WSL2 includes: *WSL2PU* power unit, *WMP* soldering pencil *WMPH* stand and sponge *WSP80* soldering pencil *WHP81* stand and sponge.

The Weller Advantage

- The heating element is contained in the pencil rather than the tip so you don't throw away a good heater every time you wear out a tip. **Gives you substantial savings on tip costs compared to the competition**
- Micro soldering pencil with the shortest tip-to-grip distance (37mm) on the market today gives you excellent control and puts you closer to the work

Additional Product Features and Benefits:

- Super-fast heat-up saves you time
- Superior thermal recovery allows fast, efficient soldering
- Tips are secured to the pencil by use of a threaded end, which eliminates the need for a barrel nut
- Iron is fitted with a non-burnable silicone rubber cord for safety
- The standard setback feature saves tip life and power. If the soldering pencil is not used for 20 minutes, the temperature is reduced to 300°F (150°C). After 60 minutes of inactivity, the unit is switched off
- The station's display is programmable using the optional WCB1 control module. Allows you to set temperature lock-out, set-back, and °F to °C switching
- Stations also support the WTA50 Thermal Tweezer, WHP80 Hot Plate, and WST20 Thermal Wire Stripper
- ESD safe to protect sensitive components
- UL and cUL listed
- Use new NT series tips found on page 7

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Station	WSL and WSL2	Pencil	WMP	WSP80
Voltage	120V (input); 24V (output)	Power Consumption	65W	80W
Power Consumption	95W	Heating Element Type	Nichrome Wound	Silver Spool
Temperature Range	150°F - 850°F (66°C - 454°C)	Iron Cord Length	4 ft. (1.22 m)	4 ft. (1.22 m)
Footprint	6 1/2 X 4 1/2 X 4 IN (165 X 114 X 102 MM)	Supplied Tip	NT1	LTB
Weight	7.0 lb. (3.18 kg)	Iron Stand	WMPH	WPH81
Temperature Accuracy	+/- 9°F (+/-5°C)			
Temperature Stability	+/-10°F (6°C)			
ESD Safe?	Yes			

Applications:

- Production, rework, and repair of through hole and SMT boards. Contact removal of IC's and QFP's using specialty SMT tips. Lead-free solder applications. Most ground planes and multi-layered boards.

The short (37mm) tip-to-grip distance puts you close to the work.

A SMT blade tip is ideal for soldering the leads of a QFP.

The heater is intigrated into the handle. When the tip dies, the heater lives on.