



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# WES51 Analog Soldering Station



**The Weller Advantage**

- Innovative heater and sensor combination gives you quick heat-up and rapid temperature recovery
- Wireless temperature lockout to prevent operators from raising the temperature to levels higher than specified for the board or component. Gives you control over the process
- Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power



WES51 includes: WES51PU power unit, PES51 soldering pencil with ETA tip, and PH50 stand and sponge.

**Additional Product Features and Benefits:**

- IMPROVED plug on the PES51 iron and new receptacle on the WES51PU power unit for easier iron replacement
- Designed for continuous production soldering
- Slim, comfortable pencil reduces operator fatigue
- Tip temperature offset capability which provides the user with the capability of resetting station temperature readings to match in tip sizes and styles
- Iron is fitted with a non-burnable silicon rubber cord for safety
- UL and cUL listed
- ESD safe to protect sensitive components
- Use ET series tips found on page 5

Station	WES51	Pencil	PES51
Voltage	120V (input); 24V (output)	Power Consumption	50W
Temperature Range	350°F - 850°F (177°C - 454°C)	Heating Element Type	Nichrome Wound; Fiberglass and ceramic insulated
Footprint	5.9 X 4.5 X 3.6 IN (150 X 114 X 91 MM)	Iron Cord Length	4 ft. (1.22 m)
Weight	3.93 lb. (1.78 kg)	Supplied Tip	ETA
Temperature Accuracy	+/- 9°F (+/-5°C)	Iron Stand	PH50
Temperature Stability	+/-10°F (6°C)		
ESD Safe?	Yes		

**Applications:**

- Production, rework, and repair of through hole and SMT boards. Most ground planes and multi-layer boards.



The PES51 is perfect for production soldering, rework, or repair.



The new connector and plug on the WES51 is an improvement over the WES50