

## WES51 & WESD51 Variable Temperature Soldering Stations

This electronically controlled soldering station features a heater and sensor design that allows for quick heat-up and rapid temperature recovery. Wireless temperature lockout prevents operators from raising the temperature to levels higher than specified for the board or component. Tip temperature offset provides the user with the capability of resetting station temperature readings to match tip sizes and styles. An automatic shut-off feature powers down the station after 90 minutes of inactivity to prolong tip life and save power. Slim, comfortable soldering iron reduces operator fatigue and is fitted with a non-burnable silicon rubber cord for safety. Two models to choose from. The temperature of analog Model WES51 is dial-adjustable from 350°F to 850°F ±9°F. Digital Model WESD51 is microprocessor controlled with a digital LED display that allows you to read temperature setting and actual tip temperature. With the WESD51 station, temperature is also adjustable from 350°F to 850°F ±9°F and can be switched between °F and °C. Both stations operate on 120VAC, are ESD-safe to protect sensitive components, and are UL and cUL listed. They come with power unit, detachable 50-watt iron with ETA (1/16" screwdriver) tip, iron holder and tip-cleaning sponge, power on/off switch, power-on LED, and 3-wire power cord.



Analog Model WES51



Digital Model WESD51



Wireless temperature lockout gives you control over the process.

Cat. No.	Description	Price
WES51	Analog Soldering Station	\$123.00
WESD51	Digital Soldering Station	171.00
PES51	Repl. 50W Iron with ETA Tip	39.10
PES201	Repl. Heater & Sensor Assembly	31.50
BA60	Repl. Barrel Nut Assembly	6.40
PH50	Repl. Iron Holder/Stand	17.30
TC205	Repl. Tip-Cleaning Sponge	2.20

### Soldering Tips for PES51 Iron

Cat. No.	Tip Shape	Tip Size	Reach	Price
ETA	Screwdriver	1/16"	5/8"	\$3.60
ETAA	Single Flat	1/16"	5/8"	3.60
ETB	Screwdriver	3/32"	5/8"	3.60
ETC	Screwdriver	1/8"	5/8"	3.60
ETD	Screwdriver	3/16"	5/8"	3.60
ETDD	Single Flat	3/16"	5/8"	3.60
ETH	Screwdriver	1/32"	5/8"	3.60
ETJ	Long Screwdriver	1/32"	1"	3.60
ETK	Long Screwdriver	3/64"	1"	3.60
ETL	Long Screwdriver	5/64"	1"	3.60
ETM	Long Screwdriver	1/8"	1"	3.60
ETO	Long Conical	1/32"	1"	3.60
ETP	Conical	1/32"	5/8"	3.60
ETR	Narrow Screwdriver	1/16"	5/8"	3.60
ETS	Long Conical	1/64"	1"	3.60
ETT	Conical	1/32"	5/8"	3.60
ETU	Single Flat	1/64"	5/8"	3.60
ETV	Single Flat	1/32"	5/8"	3.60



### Economical Soldering Station

Power adjustment from 5 to 40 watts allows changes in operating temperature from ambient to 900°F max. Interchangeable ST Series tips are solid copper, plated with iron, and precision ground to provide maximum heat transfer from heater to tip. Station includes with 40-watt pencil iron with cushioned foam grip, 1/8" screwdriver tip (P/N ST3), safety guard iron holder, tip-cleaning sponge, on/off switch with "power-on" indicator light, and 2-wire power cord. Operates on 120VAC and is UL approved.

WLC100	Economical Soldering Station	\$54.60
--------	------------------------------	---------

### Soldering Tips for WLC100

Cat. No.	Tip Shape	Tip Size	Price
ST1	Screwdriver	1/16"	\$3.40
ST2	Screwdriver	3/32"	3.40
ST3	Screwdriver	1/8"	3.40
ST4	Screwdriver	3/16"	3.40
ST5	Single Flat	1/32"	3.40
ST6	Screwdriver	1/32"	3.40
ST7	Conical	1/32"	3.40
ST8	Narrow SD	1/16"	3.40

### How "Magnastat" Works

This temperature control system utilizes a ferromagnetic temperature sensor attached to the base of PT-Series soldering tips. When the tip is cold (below its rated idle temperature), the end-of-tip sensor is attracted to a permanent magnet located in the barrel of the heater assembly. This magnetic movement causes a shorting bar to make contact with a set of isolated electrical contacts, thereby supplying power to the heating element. When the tip reaches its rated idle temperature, the end-of-tip sensor becomes non-magnetic causing a break in the circuit. In this manner, power to the heating element is turned on and off automatically.

### WTCPT Soldering Station

Utilizes the patented "Magnastat" temperature control system to maintain a constant tip temperature of 700°F or 800°F depending on the PT Series tip selected. This "closed loop" method of controlling maximum tip temperature protects temperature-sensitive components, while the grounded tip protects voltage and current-sensitive components. 42-watt iron comes with PTA7 (1/16" screwdriver, 700°F) tip and is terminated with a quick connect/disconnect plug for easy replacement. Other features include static-safe housing and iron handle, ESD-safe detachable iron stand for left or right handed use, lighted on/off power switch, and 3-wire power cord with strain-relief design.

Cat. No.	Description	Price
WTCPT	Complete Soldering Station	\$154.00
TC201T	Repl. 42W Iron with PTA7 Tip	80.40
EC234	Repl. Heater Assembly	17.80
SW60	Repl. Switch Assembly	29.00
BA60	Repl. Barrel Nut Assembly	6.40
PH1201ESD	Repl. Iron Stand Assembly	25.30
TC205	Repl. Tip Cleaning Sponge	2.20



### Soldering Tips for TC201T Iron

Catalog Number	Tip Shape	Tip Size	Reach	Price
700°F PTA7	Screwdriver	1/16"	5/8"	\$3.30
800°F PTB7	Screwdriver	3/32"	5/8"	3.30
PTC7	Screwdriver	1/8"	5/8"	3.30
PTD7	Screwdriver	3/16"	5/8"	3.30
-	Screwdriver	15/64"	5/8"	3.30
PTF7	Conical Flat	1/32"	5/8"	3.30
PTH7	Screwdriver	1/32"	5/8"	3.30
PTK7	Long SD	3/64"	1"	3.30
PTL7	Long SD	5/64"	1"	3.30
PTM7	Long SD	1/8"	1"	3.30
PTO7	Long Conical	1/32"	1"	3.30
PTP7	Conical	1/32"	5/8"	3.30
PTR7	Narrow SD	1/16"	5/8"	3.30
PTS7	Long Conical	1/64"	1"	3.30