

WES51

ANALOG SOLDERING STATION

SOLDERING
STATIONS

THE WELLER ADVANTAGE:

A powerful and economical continuous production soldering station, this unit has temperature lockout and automatic power-down features to keep you in control.



Wireless lockout limits maximum temperature

Slim, comfortable pencil reduces operator fatigue

FEATURES AND BENEFITS:

- Designed for continuous production, rework, and repair of through hole, SMT boards, most ground planes, and light to medium layer boards
- Wireless temperature lockout prevents operator from raising temperature to levels higher than specified for the board or component (PW50 lockout probe)
- Station automatically powers down after 99 minutes of inactivity to prolong tip life and save power
- Pencil is fitted with non-burnable silicone rubber cord for added safety
- Pencil uses ET series tips found on page 23

Components and Specifications:

WES51PU Power Unit

Voltage	120 V (input); 24 V (output)
Temperature Range	350° F - 850° F (176° C - 450° C)
Dimensions	5.9 x 4.5 x 3.6 in. (150 x 114 x 91 mm)
Temperature Accuracy	+/- 17° F (+/- 9° C)
Temperature Stability	+/- 10° F (+/- 6° C)
ESD Safe	Yes

PES51 Pencil

Power Consumption	50 W
Heating Element Type	Nichrome Wound; Fiberglass and Ceramic Insulated
Cord Length	4 ft. (1.22 m)
Supplied Tip	ETA
Supplied Stand	PH50 with TC205 Sponge



Wireless temperature lockout gives you control over the process.



WESD51

DIGITAL SOLDERING STATION

THE WELLER ADVANTAGE:

A powerful and economical continuous production soldering station, this unit has temperature lockout, automatic power-down features, and a digital display to keep you in control.



FEATURES AND BENEFITS:

- Designed for continuous production, rework, and repair of through hole, SMT boards, most ground planes, and light to medium layer boards
- Wireless temperature lockout prevents operator from raising temperature to levels higher than specified for the board or component (PW50 lockout probe)
- Digital readout allows quick and accurate temperature control
- Station automatically powers down after 99 minutes of inactivity to prolong tip life and save power
- Pencil is fitted with non-burnable silicone rubber cord for added safety
- Pencil uses ET series tips found on page 23

Components and Specifications:

WESD51PU

Voltage	120 V (input); 24 V (output)
Temperature Range	350° F - 850° F (176° C - 450° C)
Dimensions	5.9 x 4.5 x 3.6 in. (150 x 114 x 91 mm)
Temperature Accuracy	+/- 17° F (+/- 9° C)
Temperature Stability	+/- 10° F (+/- 6° C)
ESD Safe	Yes

PES51 Pencil

Power Consumption	50 W
Heating Element Type	Nichrome Wound; Fiberglass and Ceramic Insulated
Cord Length	4 ft. (1.22 m)
Supplied Tip	ETA
Supplied Stand	PH50 with TC205 Sponge



Wireless temperature lockout gives you control over the process.

TIPS

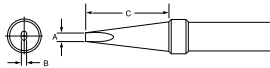
**SOLDERING
STATIONS**

ET SERIES TIPS FOR PES50/51 AND EC1201 SERIES SOLDERING PENCILS - TINNED WITH LEAD FREE SOLDER

THE WELLER ADVANTAGE:

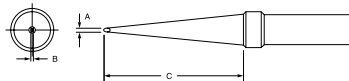
The sensor hole in the base of the tip is fitted with a stainless steel liner to prevent the tip from seizing to the sensor.

SCREWDRIVER



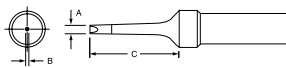
Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETA*	0.062	1.60	0.032	0.81	0.625	15.90
ETB*	0.093	2.40	0.020	0.51	0.625	15.90
ETC*	0.125	3.20	0.027	0.69	0.625	15.90
ETD	0.187	4.80	0.035	0.89	0.625	15.90
ETH	0.031	0.80	0.019	0.48	0.625	15.90

LONG SCREWDRIVER



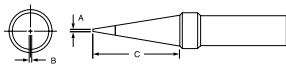
Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETJ	0.031	0.80	0.012	0.30	1.000	25.40
ETK*	0.046	1.20	0.026	0.66	1.000	25.40
ETL	0.078	2.00	0.027	0.69	1.000	25.40
ETM	0.125	3.20	0.037	0.94	1.000	25.40

NARROW SCREWDRIVER



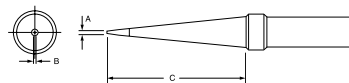
Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETR	0.062	1.60	0.044	1.12	0.625	15.90

CONICAL



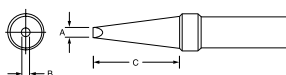
Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETP*	0.031	0.80	0.012	0.30	0.625	15.90
ETT	0.024	0.60	0.036	0.91	0.625	15.90

LONG CONICAL



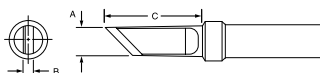
Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETO*	0.031	0.80	0.044	1.12	1.000	25.40
ETS*	0.015	0.40	--	--	1.000	25.40

SINGLE FLAT



Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETAA	0.062	1.60	0.040	1.02	0.625	15.90
ETBB	0.093	2.40	0.032	0.81	0.625	15.90
ETCC	0.125	3.20	0.032	0.81	0.625	15.90
ETDD	0.187	4.80	0.032	0.81	0.625	15.90
ETU	0.015	0.40	--	--	0.700	17.80
ETV	0.024	0.60	--	--	0.700	17.80

KNIFE



Cat No.	A		B		C	
	IN.	MM	IN.	MM	IN.	MM
ETKN	0.180	4.57	0.064	1.63	0.625	15.90

