

PRODUCT BULLETIN

- Bulletin No.:** 02-109
- Bulletin Date:** July 26, 2002
- Product:** WESD51 Digital Soldering Station
- Catalog No.:** WESD51 Digital Soldering Station
WESD51PU Digital Power Unit
- Action:** New Product Introduction
- Availability:** August 30, 2002
- Comments:** New entry level digital soldering station. This is the digital version of the popular WES50 analog soldering station.

Applications:

- Production, rework, and repair of through hole and SMT boards. Some ground planes and multi-layer boards. Some lead-free solder applications.

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.

Additional Product Features & Benefits:

- Microprocessor controlled with digital LED display allows you to read temperature setting and actual tip temperature
- Designed for continuous production soldering
- Can switch between °F and °C
- Slim, comfortable hand piece 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
- UL and cUL listed
- ESD Safe to protect sensitive components
- Use ET series tips (see catalog)

Technical Specifications Grid

Station	WESD51
Voltage	120V (input); 24V (output)
Temperature Range	350°F – 850°F (177°C - 454°C)
Footprint	6.5 x 4.5 x 4 IN (165 x 114 x 102 CM)
Weight	3.93 lb. (1.78 kg)
Temperature Accuracy	+/- 9°F (5°C)
Temperature Stability	+/- 10°F (6°C)
ESD Safe	Yes

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Pencil	PES51
Power Consumption	50W
Heating Element Type	Nichrome Wound
Iron Cord Length	4 ft. (1.22 m)
Supplied Tip	ETA
Iron Stand	PH50

