

PRODUCT BULLETIN

Bulletin No.: 02-113

Bulletin Date: July 26, 2002

Product: WSL Soldering Stations

Catalog Nos.: WSL Digital Soldering Station with WMP Micro Soldering Pencil
WSL2 Dual Digital Soldering Station with WMP Micro Soldering Pencil
and WSP80 Soldering Pencil
WMP Micro Soldering Pencil
WMPH Stand for WMP Micro Pencil
WPH81 Stand for WSP80 Soldering Pencil
NT Series Soldering Tips (See Product Bulletin 02-115)

Action: New Product Introduction

Availability: September 2002

Comments:

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-layer boards.

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.**
- ❑ The tip temperature is adjustable, so you don't have to maintain separate tips to operate at different temperatures
- ❑ 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 & 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 cord. This prevents the cord from being compromised for your protection.
- ❑ The Standard Setback feature saves tip life and power. If the soldering pencil is not used for 20 minutes, the temperature is automatically reduced to a standby temperature of 300°F (150° C). After 60 minutes of inactivity, the "auto off" function is activated and the soldering iron is switched off.

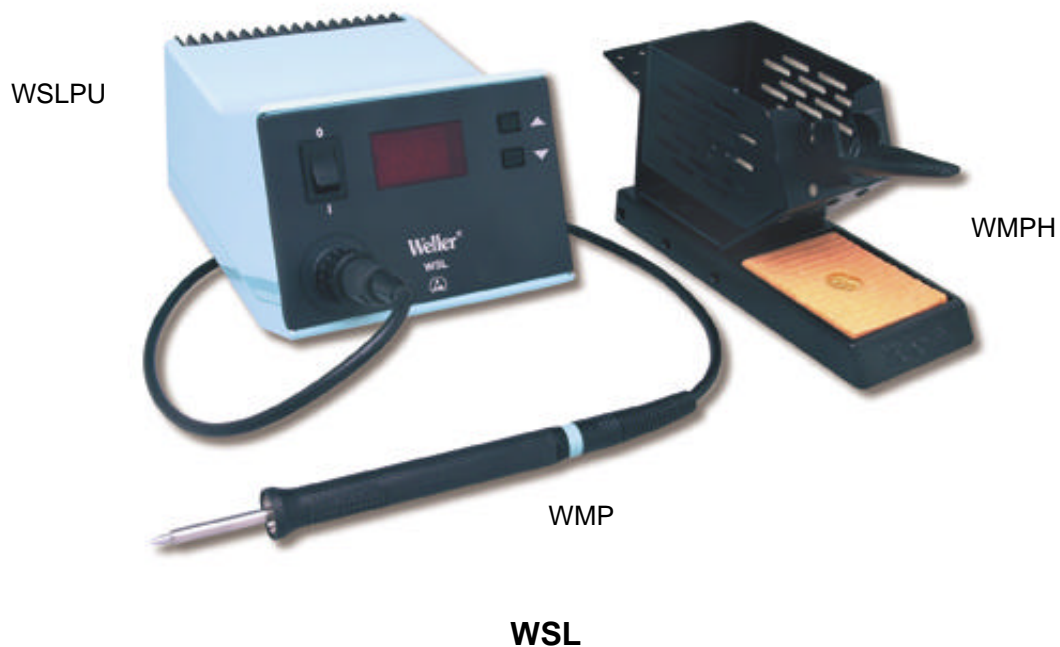
The station's display is programmable using the optional WCB1 control module. Allows you to set temperature lock-out, set-back, and °F to °C switching

PRODUCT BULLETIN

Additional Product Features & Benefits - continued:

- ❑ ESD safe to protect sensitive components
- ❑ UL and cUL listed
- ❑ Uses new NT series tips

Station	WSL/WSL2	
Voltage	120V (input); 24V (output)	
Power Consumption	65 Watts	
Temperature Range	300°F - 850°F (150°C - 454°C)	
Footprint	6 ½ x 4 ½ x 4 IN (165 x 114 x 102 CM)	
Weight	7.0 lb (3.18 kg)	
Temperature Accuracy	+/- 9°F (5°C)	
Temperature Stability	+/- 10°F (6°C)	
ESD Safe	Yes	
Pencil	WMP	WSP80
Power Consumption	65W	80W
Heating Element Type	Nichrome Wound	Silver Spool
Iron Cord Length	4 ft. (1.22 m)	4 ft. (1.22 m)
Supplied Tip	NT1	LTB
Iron Stand	WMPH	WPH81



PRODUCT BULLETIN

