Powerful capability

Another Weller breakthrough–Powerful 80-watt performance combined with a new shorter handle

WP80

Two Pencils In One

This powerful 80-watt pencil allows rapid production when working with lead-free solder, high-mass components, and other demanding applications. A special silver heating element for low thermal loss and fast recovery make this unit ideal for continuous production work.

Specifications:

WP80 Pencil	
Power Consumption	80W
Voltage	24 V
Heating Element Type	Nichrome Wound Silver Spool
Cord Length	4 ft. (1.22 m)
Supplied Tip	LTB



The Silver Spool heating element provides low thermal loss and fast recovery

Optional longer barrel available

WMP

The accuracy and economy champ

With a tip-to-grip distance of just 37 mm, accuracy is unsurpassed. And the WMP heating element is built into the pencil, not the tip, so replacement tips cost substantially less. This pencil offers super fast heat-up and superior thermal recovery for fast, efficient soldering.

Specifications:

WMP Pencil	
Power Consumption	65 W
Voltage	24 V
Heating Element Type	Nichrome Wound Silver Spool
Cord Length	4 ft. (1.22 m)
Supplied Tip	NT1

Heater is integrated into the handle, so when the tip dies, the heater lives on



See page 5 for LT and NT Series tips

Four configurations to give you the most efficient solution:



WD1

SINGLE CHANNEL POWER UNIT

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 9° F (± 5° C)
Temperature stability	± 10° F (± 6° C)



WD2

DUAL CHANNEL POWER UNIT

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	160W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 9° F (± 5° C)
Temperature stability	± 10° F (± 6° C)



WD1001

WD1 SINGLE CHANNEL POWER UNIT WITH WMP 65 WATT SOLDERING PENCIL AND WDH20 SOLDERING PENCIL STAND

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 9° F (± 5° C)
Temperature stability	± 10° F (± 6° C)
Stand	WDH20 (Order No. 0051512299)
Pencil	WMP



WD1002

WD1 SINGLE CHANNEL POWER UNIT WITH WP80 80 WATT SOLDERING PENCIL AND WDH10 SOLDERING PENCIL STAND

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 9° F (± 5° C)
Temperature stability	± 10° F (± 6° C)
Stand	WDH10 (Order No. 0051512199)
Pencil	WP80 (Order No. 0052918099)
Barrels	Short (Included with the WP80) (Order No. 0058744845) Long (Optional) (Order No. 0058744846)

Four configurations to give you the most efficient solution:



WD1M

SINGLE CHANNEL POWER UNIT

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)



WD2M

DUAL CHANNEL POWER UNIT

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	160W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)



WD1000M

WD1M SINGLE CHANNEL POWER UNIT WITH WMRP MICRO SOLDERING PENCIL AND WMRH SOLDERING PENCIL STAND

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)
Stand	WMRH (Order No. 0051514599)
Pencil	WMRP (Order No. 0052917199)



WD2000M

WD2M DUAL CHANNEL POWER UNIT WITH WMRP MICRO SOLDERING PENCIL AND WMRH SOLDERING PENCIL STAND, PLUS WMRT MICRO THERMAL TWEEZER AND WMRTH STAND

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	160W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)
Stands	WMRH (Order No. 0051514599) WMRTH (Order No. 0051514699)
Pencils	WMRP Micro Soldering Pencil (Order No. 0052917199) WMRT Micro Tweezers (Order No. 0051317399)

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