

# WRS10011(2) Digital Self-contained Desoldering Stations



**WRS10011** contains: *WRS1001* control unit, *DSV80* in-line desoldering pencil with internal solder collection chamber, and *AKV* stand. **WRS10021 - NEW MODEL!!!**

**WRS10012** contains: *WRS1001* control unit, *DS80* desoldering pencil with external solder collection chamber, and *AK20* stand.

**Additional Product Features and Benefits:**

- Vacuum is generated with a self-contained pump. The pump also generates air should you want to use the optional HAP1 hot air pencil
- Features digital process control for exact temperature set - gives you control over the process
- WRS10011 comes with DSV80 in-line desoldering tool with internal collection chamber - ideal for vertical desoldering
- WRS10012 comes with DS80 desoldering pencil with external solder collection chamber - ideal for horizontal desoldering
- Station also supports Silver Series soldering pencils WSP80 and WMP Micro Pencil for added flexibility
- Programable using the optional WCB1 control module - allows for temperature lock-out (process control), temperature set-back (extended tip life) and °F to °C conversion
- Uses DS series desoldering tiptlets found on page 16
- ESD safe to protect sensitive components

### The Weller Advantage

- 80 watts of power for faster heat up and better performance even on heavy ground planes and multi-layer boards
- Higher power means less time spent on the PCB and less potential for damaging components
- Vacuum delay feature on the desoldering tool allows the solder to reach the solder collection chamber before the vacuum is shut off to avoid clogging

Station	WRS10011 and WRS10012	Pencil	DS80	DSV80
Voltage	120V (input); 24V (output)	Power Consumption	80W	80W
Power Consumption	175W	Heating Element Type	Nichrome Wound	Nichrome Wound
Temperature Range	150°F - 980°F (66°C - 511°C)	Iron Cord Length	4 ft. (1.22 m)	4 ft. (1.22 m)
Footprint	9.5 X 10.6 X 4.1 IN (241 X 269 X 104 MM)	Supplied Tiptlet	DS112	DS112
Weight (Power Unit Only)	12.9 lb. (5.85 kg)	Iron Stand	AK20	AKV
Pump Type	Rotary Vane			
Air Flow Volume	1 l/min. - 10 l/min.			
Temperature Accuracy	+/-50°F (30°C)			
Temperature Stability	+/-10°F (6°C)			
ESD Safe?	Yes			

**Applications:**

- Rework and repair of through hole boards. Lead-free solder applications.



DSV80 in-line desoldering tool with internal solder collection chamber



DS80 desoldering pencil with external solder collection chamber