

# Weller®

Silver Series Soldering Stations

Tools That Work As Hard As You



Quick heat up, fast recovery  
and more reliable than ever.  
Think Fast.

- A SERIES OF ELECTRONICALLY CONTROLLED SOLDERING STATIONS-



The Weller Silver Series has been designed to maximize work space and give you 80 watts of heat power when you need it. These stylish and highly functional soldering stations are ESD safe. With the powerful combination of the unique silver heating element and tip configuration in our WSP80 soldering iron, you experience immediate heat.

  
**COOPER** Tools



## A new generation of electronically controlled soldering stations for fast continuous soldering.

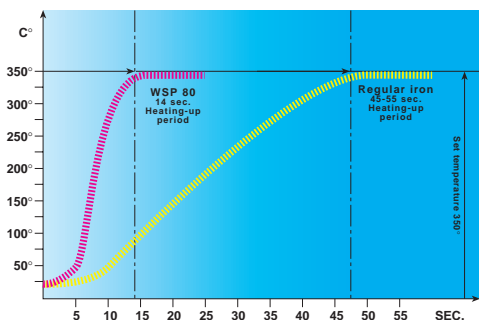
### Powerful.

Two new 80 watt stations, the WS80 and WSD80, increase the ability to work on high-mass components where a greater controlled power is required. The WS80 has dial control temperature settings from 300°F to 850°F. The WSD80 has the extra digital feature of actual and preset soldering temperatures displayed. If more than one connection is needed in quick succession, then the WSD130 allows you to combine an 80W iron with any other Weller accessory. The unique silver heating element and tip configuration in the WSP80 iron is more conductive so that the heat passes directly into the tip.

### Fast.

As a result, the new patented Weller low-mass tip has a 10% faster recovery time when compared against other conventional irons and tips.

This achieves very little temperature loss when making mass connections or during fast soldering. Perfect for the production line where continuous soldering takes place and 80 watts of heat power is required.





### Good Looking.

The distinctive looks of the new Weller family have been further developed to offer you the most stylish, yet highly functional soldering stations on the workbench today. The Weller Silver Series has been designed to maximize work space. The distinct aqua-blue station housing, synonymous with Weller, is not just good looking, but is ESD safe.

### Intelligent.

Both digital display stations, the WSD80 and WSD130, have the added facility of being programmed using the WCB1 calibration unit. Sensitive components demand precise temperatures and timed connection sequences. The WCB1 calibration unit fulfills this requirement.








The WCB1 calibration unit also features temperature lock-out and set-back capabilities. Temperature lock-out ensures that the working temperature isn't mistakenly altered. Timed set-back extends the life of your tips and automatically reduces the temperature of the iron when not in use.



### Well Connected.

The three new electronically controlled soldering stations are fully compatible with existing Weller tools. The following table lets you plan your workbench to ensure you have the best connections that Weller can bring.



	WS80	WSD80	WSD130
 <b>EC1201A</b> Soldering Iron (40W w/ETA tip)		✓	✓
 <b>EC1302A</b> Micro Soldering Tool (20W w/EPH101 tip)		✓	✓
 <b>EC1503A</b> Difficult Applications (42W w/EMA tip)		✓	✓
 <b>WSP80</b> Soldering Iron (80W w/LTA tip)		✓	✓
 <b>WST20</b> Thermal Stripping Tool With Support		✓	✓
 <b>WHPS</b> Heating Plate		✓	✓
 <b>WT50</b> Heated Tweezer (AK50 support for WT50)		✓	✓

### Tips for the WSP80 soldering irons:



Here's the line-up of the new Weller soldering stations.

WS80 Station includes:

- PU80 Power unit
- WSP80 Pencil
- WPH80 Holder
- Analog control electronics
- Antistatic housing
- Temperature dial control from 300°F - 850°F
- Automatic tool recognition
- All Weller accessories up to 80W may be connected
- Temperature locking via key-operated switch
- Accuracy  $\pm 2\%$  of final value
- Visual control with LED
- Includes soldering tool holder
- Dimensions - 6 1/2" x 4 1/2" x 4" (L x W x H)



WS80

WSD80 Station includes:

- PUD80 Station
- WSP80 Pencil
- WPH80 Holder
- Digital control electronics
- Antistatic housing
- Temperature control from 100°F - 850°F adjustable via buttons
- Automatic tool recognition
- All Weller accessories up to 80W may be connected
- Calibration box may be connected for time (setback), locking functions (lock-out), and calibration
- 3-position digital display for PRE-SET and READ VALUE
- Accuracy  $\pm 2\%$  from input
- Includes soldering tool holder
- Dimensions - 6 1/2" x 4 1/2" x 4" (L x W x H)



WSD80

WSD130 Station includes:

- PUD130 Base Station only
- Weller accessories ordered separately
- Accepts one 80 watt iron plus any other 50 watt accessory
- Digital control electronics
- Antistatic housing
- Two independent temperature controls from 100°F - 850°F adjustable via buttons
- Automatic tool recognition
- Calibration box may be connected for time (setback), locking functions (lock-out), and calibration
- 3-position digital display. For both channels, PRE-SET and READ VALUE may be switched over via button
- Accuracy  $\pm 2\%$  of final value
- Dimensions - 6 1/2" x 4 1/2" x 4" (L x W x H)



WSD130