Performance By Design.

Exceptional ease of use. Impressive power.
Elegant shape. Introducing the new WD1 and WD2 soldering stations.
Big-screen simplicity

Three programmable presets and a large LCD display make operation easy

Both the WD1 and WD2 stations feature three independent and fully programmable preset buttons that allow you to select a preset temperature for each. The operation of the buttons is similar to the station selection buttons on a car radio... just set the temperature to the desired setting, press and hold any of the buttons for two seconds, and that button is preset to that temperature. The programming range of the buttons is anywhere within the station’s temperature range of 150°F to 850°F.

A button can be preset to your favorite idle temperature, allowing you to instantly activate a feature that saves both tip life and power, even before the station activates it automatically.

Both stations also feature a large (67mm x 29mm) high contrast LCD display that simultaneously shows currently selected temperature and the temperature that has been programmed for each of the three preset buttons.

Modern LCD display technology gives users critical information at a glance, while three programmable temperature preset buttons allow quick and easy temperature changes.

50 degrees of freedom

New pencil stand design adjusts to fit each user’s personal style

Like the WD1 and WD2 stations, their matching micro soldering pencil stands offer both unmatched style and superior function. No matter which pencil you choose, stands have a four-position tilt adjustment you can set at the angle that feels best to you. Stands also feature an antistatic finish to ensure safety against electrostatic discharge and three (3) tip storage slots.
Special function screens put you in control

The special function menu allows you to quickly and easily access six advanced features. Scrolling through the menu is simple, with no complicated button-pressing sequences.

**Setback Time**
Allows programming of the number of minutes (1 – 99), before the temperature sets back to idle mode.

**Standby Temperature**
Allows selection of desired setback temperature, down to 200° F.

**Temperature Lockout**
Allows supervisor to easily set a temperature that cannot be changed by the operator.

**F°/C° Switching**
Allows the temperature display to read in either °F or °C, depending on your process or preference.

**Temperature Offset**
Allows the display temperature to be adjusted ± 72° F when working with higher mass tips, where the temperature reading can be affected by the mass of the tip.

**Auto-Off Time**
Allows programming of the number of minutes of inactivity (1 – 999), before the station powers off automatically.
**Powerful capability**

**Two distinctly different pencils to best fit your needs**

**WSP80**  
**The choice for continuous production**

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:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>WSP80 Pencil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>80 W</td>
</tr>
<tr>
<td>Voltage</td>
<td>24 V</td>
</tr>
<tr>
<td>Heating Element Type</td>
<td>Nichrome Wound</td>
</tr>
<tr>
<td></td>
<td>Silver Spool</td>
</tr>
<tr>
<td>Cord Length</td>
<td>5 ft. (1.52 m)</td>
</tr>
<tr>
<td>Supplied Tip</td>
<td>LTB</td>
</tr>
</tbody>
</table>

**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:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>WMP Pencil</th>
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<tbody>
<tr>
<td>Power Consumption</td>
<td>65 W</td>
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<td>Voltage</td>
<td>24 V</td>
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<tr>
<td>Heating Element Type</td>
<td>Nichrome Wound</td>
</tr>
<tr>
<td></td>
<td>Silver Spool</td>
</tr>
<tr>
<td>Cord Length</td>
<td>5 ft. (1.52 m)</td>
</tr>
<tr>
<td>Supplied Tip</td>
<td>NT*</td>
</tr>
</tbody>
</table>
Four configurations to give you the most efficient solution:

**WD1**

**SINGLE CHANNEL POWER UNIT**

**Specifications:**
- Voltage: 120 V (input); 24 V (output)
- Footprint: 5.12” x 4.13” x 5.75” (130 x 105 x 146 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: 5.12” x 4.13” x 5.75” (130 x 105 x 146 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)

**WD1000**

**WD1 SINGLE CHANNEL POWER UNIT WITH WSP80 80 WATT SOLDERING PENCIL AND WDH10 SOLDERING PENCIL STAND**

**Specifications:**
- Voltage: 120 V (input); 24 V (output)
- Footprint: 5.12” x 4.13” x 5.75” (130 x 105 x 146 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 number 0051512199)
- Pencil: WSP80

**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: 5.12” x 4.13” x 5.75” (130 x 105 x 146 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 number 0051512299)
- Pencil: WMP
### NT Series: Tips for WMP Micro Soldering Pencil / Tinned with Lead Free Solder

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>NT1</td>
<td>0.083</td>
<td>1.60</td>
<td>0.028</td>
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<tr>
<td>NT1S</td>
<td>0.126</td>
<td>3.20</td>
<td>0.031</td>
</tr>
<tr>
<td>NT2</td>
<td>0.181</td>
<td>4.60</td>
<td>0.031</td>
</tr>
<tr>
<td>LT3</td>
<td>0.094</td>
<td>2.40</td>
<td>0.031</td>
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<tr>
<td>LT4</td>
<td>0.047</td>
<td>1.20</td>
<td>0.016</td>
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<tr>
<td>LT5</td>
<td>0.078</td>
<td>2.00</td>
<td>0.016</td>
</tr>
</tbody>
</table>

### Lt Series: Tips for WSP80 Soldering Pencil / Tinned with Lead Free Solder

<table>
<thead>
<tr>
<th>Cat No.</th>
<th>A</th>
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<th>C</th>
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</thead>
<tbody>
<tr>
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<td>LT1L</td>
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<td>LT1S</td>
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</tr>
<tr>
<td>LT2</td>
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