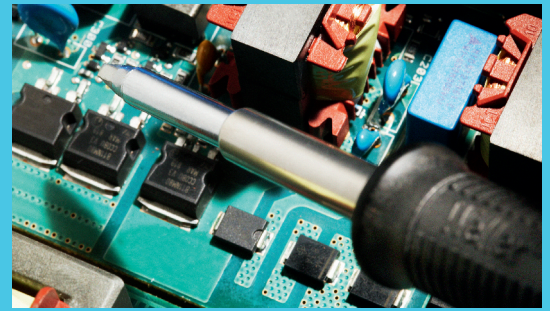


Weller Soldering Tips

How to get the best out of your soldering tip



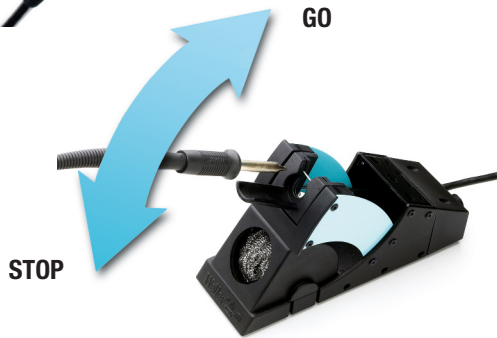
**RoHS
compliant**



Intelligent Soldering Station
WD 2M



Soldering Iron WP 120



Weller Stop + Go Safety Rest with
automatic Temperature Reduction

The right soldering tip!

Using the right tip is essential to get the most out of your soldering iron. The quality and working condition of the soldering tip is a critical factor affecting an operator's output. Therefore, the decision process used to select the right tip needs to be given a high degree of importance.

Weller soldering irons can be used with both leaded and lead-free solder.

Using the right soldering tools

- Work with a soldering iron that has a high power output and the most efficient thermal transfer.
- Use an "intelligent" soldering station which gives optimized temperature control and a setback function to reduce the temperature of the tip when the iron is not in use.
- Increase a soldering tip's lifetime by using a safety rest which can automatically reduce the temperature of the tip when the iron is placed into it.
- Preheating a board with a hot plate before soldering reduces the risk of overheating.

Weller gives you tools that meet all these requirements and are a match for all your soldering challenges!

Increase the lifetime of your soldering tips

Here a few practical hints on how to extend a soldering tip's lifetime.

- Always select the lowest possible working temperature for the job being done.
- Choose a tip with the largest dimension and shortest length that is practical for the soldering task.
- Ensure the tip is well 'wetted' to maximize the area of heat transfer between the soldering tip and the point of solder.

The Weller range has the right tip for every soldering application!



Preheating Plate WHP 200



Preheating Plate WHP 3000



Dry Cleaner WDC2

WPB2 Polishing Bar,
WDC2 and Tip
Activator

Tip Activator

Cleaning Tip

Lead-free soldering = dry cleaning with a Weller WDC set
Leaded soldering = wet cleaning with a Weller sponge

- Always make sure the tip is fully 'wetted' before placing your iron back into the safety rest.
- Feed your solder in such a way that it makes simultaneous contact with the component and the soldering tip.
- Apply the minimum amount of pressure onto the tip when soldering.

Protecting your soldering tip from oxidization

- A fully 'wetted' tip is safe from oxidization.
- Weller's WPB1, polishing bar, can be used to remove compacted oxide films from a soldering tip, but only when the tip is cold.
- Use a Weller Dry Cleaner, WDC or WDC2, for normal, regular cleaning of your soldering tip.
- Weller's tip activator can be used to regenerate a hot oxidized tip.

Description	Order No.
WDC 2 Dry Cleaner for WDH Safety Rest	0051512599
WDC Dry Cleaner	0051512499
Polishing Bar	WPB1
Tip Activator	0051303199

The complete Weller soldering tool offering, including tips, can be seen at www.cooperhandtools.com/weller