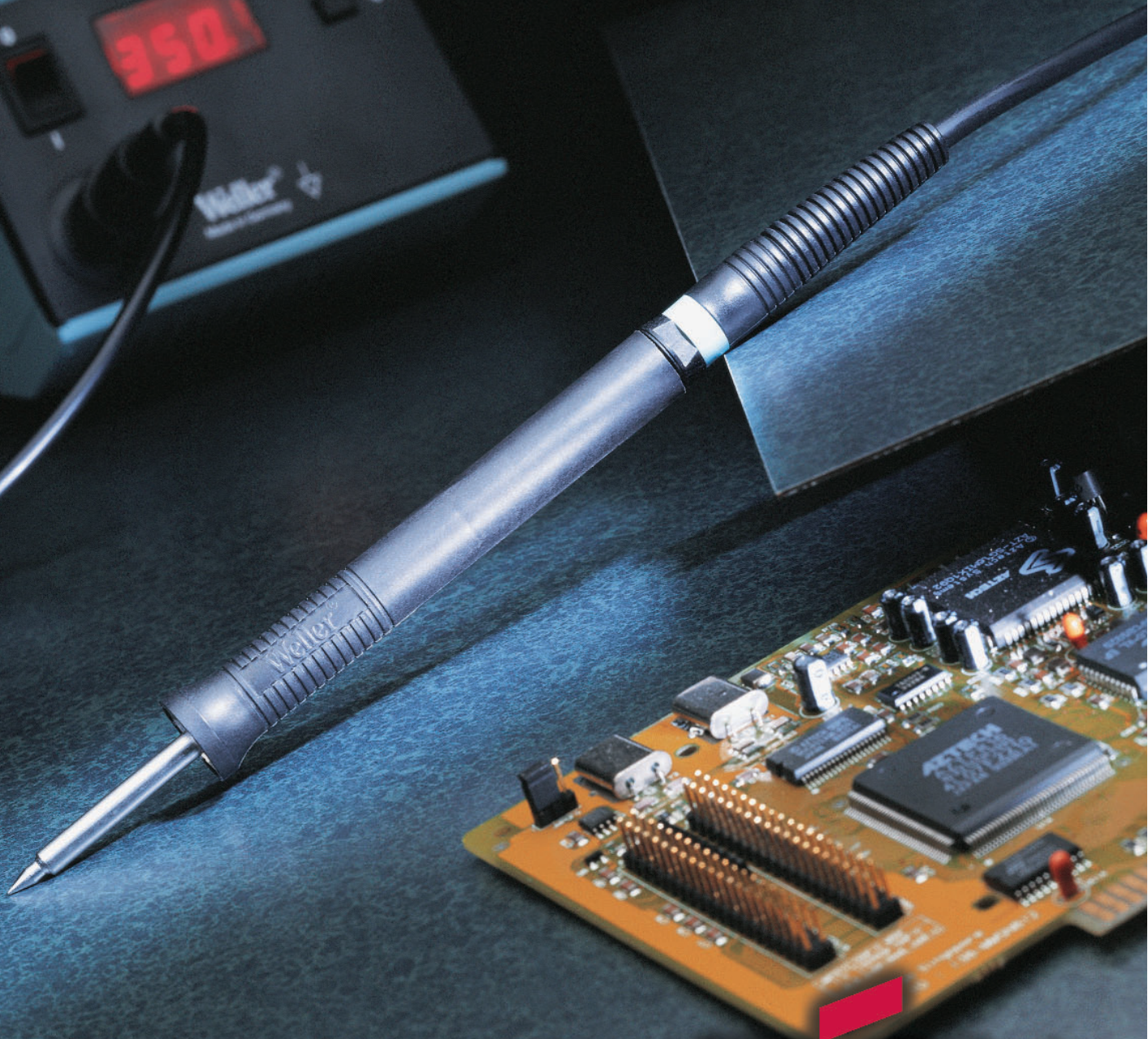


The Weller logo is positioned in the top right corner of the advertisement. It features the brand name 'Weller' in a white, sans-serif font, with a registered trademark symbol (®) to its upper right. The logo is set against a blue rectangular background that has a subtle gradient and is partially overlaid by the dark background of the rest of the image.

Weller®

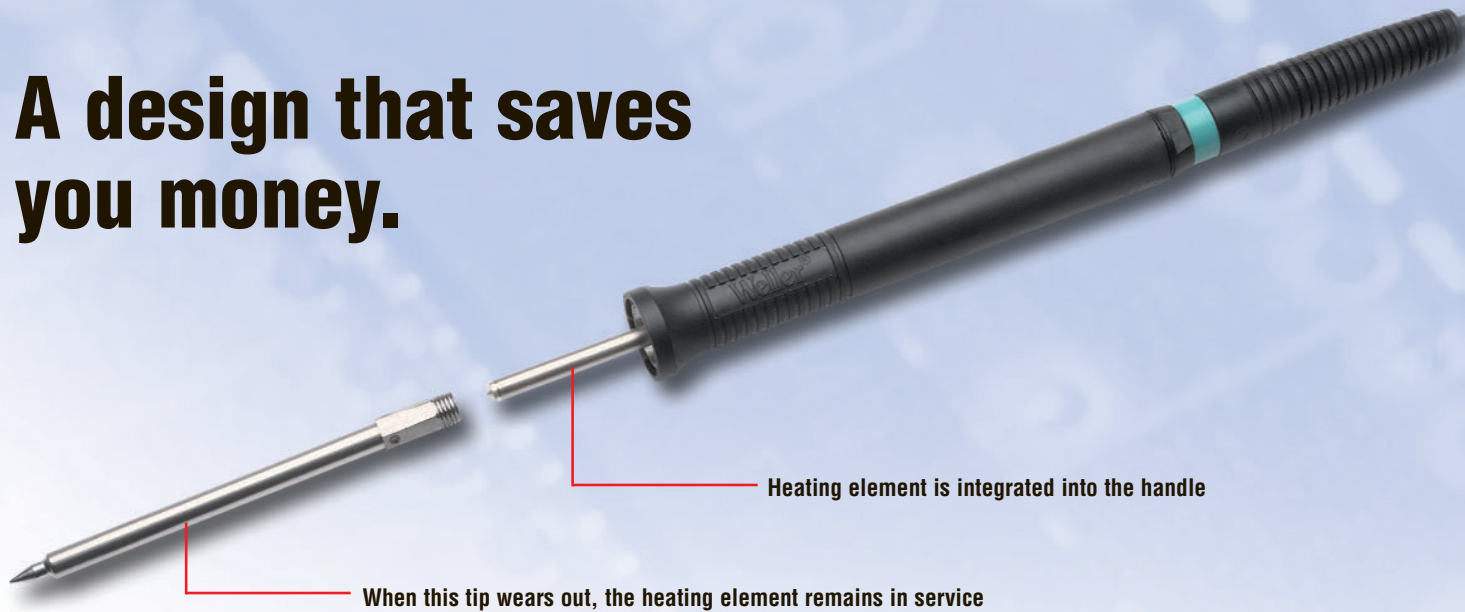
Exceptional Performance. Maximum Comfort.

Economical. New disposable soldering tip design of the WMP soldering pencil cuts operating costs.

The Cooper Tools logo is located in the bottom right corner. It consists of the word 'COOPER' in a bold, white, sans-serif font, followed by the word 'Tools' in a smaller, white, sans-serif font. A small red square is positioned to the left of the word 'Tools'. The entire logo is set against the dark background of the advertisement.

COOPER Tools

A design that saves you money.



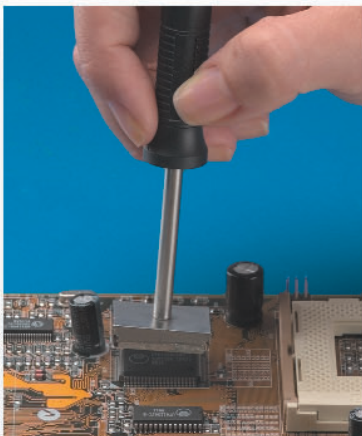
The old way

Many soldering pencils use an integrated heating element/tip design. When the tip wears out, the entire cartridge must be replaced, even though the heater has months – maybe even years – of useful life remaining. Very expensive! The WMP pencil changes all that.

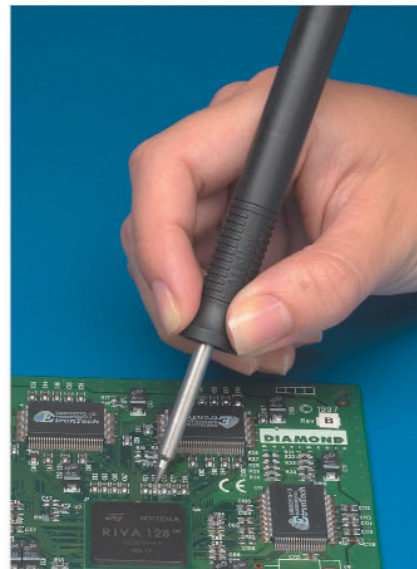
The Weller® WMP way

The heart of the WMP soldering pencil is a genuinely different design that integrates the heating element into the handle rather than the tip while still providing a very short tip-to-grip distance. A special silver heating element, positioned directly behind the tip, provides optimum heat transfer to the soldering joint. The advantage of this design is that when a WMP pencil tip wears out, only the tip needs to be replaced, generating real cost savings.

A soldering pencil operators will want.



Once they try the new Weller WMP micro pencil, operators won't want to use anything else. It weighs just 39 grams and has a shorter tip-to-grip distance than any other pencil for precise, comfortable control. We wanted the WMP to be the most comfortable high performance pencil ever, so we also made it smaller. Compared to similar pencils, grip diameter is less and grip length is a full 30 mm shorter. In addition, the WMP can be connected to all popular Weller digital desoldering and rework stations particularly the WMD 3. Ergonomics at work for increased productivity.

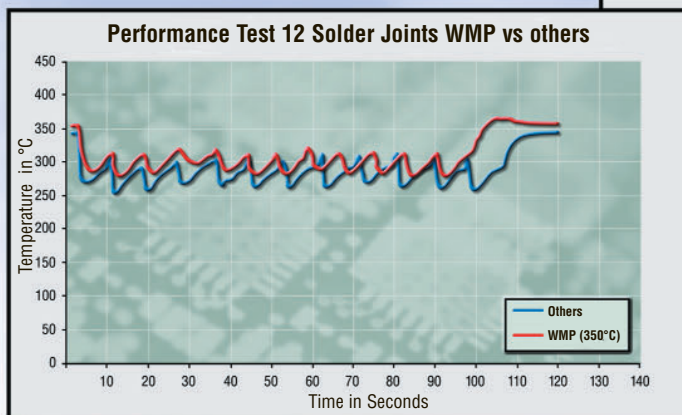
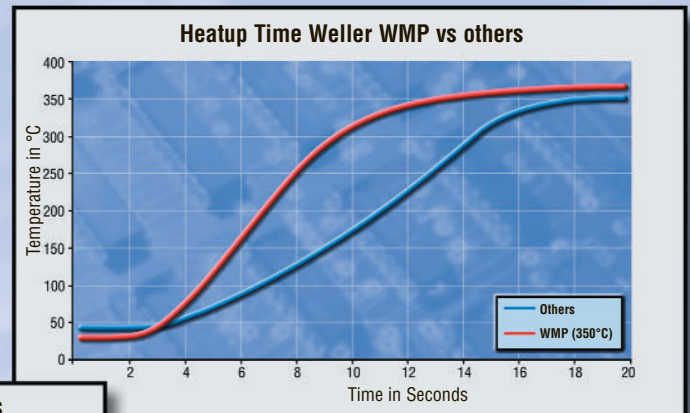


Performance That Delivers.

In today's high pressure production environment, rework performance is critical. The Weller WMP micro pencil is up to the task with superior performance for both heat-up and thermal efficiency just like the other electronic irons. The result is time saving and increased productivity for your operation. As with all of our electronically controlled irons the WMP handles lead-free solders with ease.

WMP reaches set working temperature faster, saving you valuable time.

The low-mass construction of the WMP pencil allows for extra fast heat-up. All system components – from the silver heating element to the tip – are designed for optimum heat transfer, resulting in extremely fast heat-up time. As you can see from the graph, others take considerably longer to reach working temperature from a cold start.



WMP's superior thermal recovery lets you work faster.

Fast recovery time, when soldering is critical to optimum operator efficiency. In the test to the left, the WMP completes twelve soldering joints in the same time it takes others to complete eleven. That's a big difference when you consider the number of rework operators in your facility multiplied by the number of joints they work on each day.

Overall length just 160 mm, including strain relief; shortest tip-to-grip distance for maximum control

Reduced temperature at finger position

Comfortable hand diameter of just to prevent slipping

Non barrel-nut design for easy tip change even when hot



Weller®



"ESD" Safe

**Silicone-based, burn-proof
power cord for safety**

WSL Technical Data

Station	WSL	WSL2
Input Voltage	230 V	230 V
Output Voltage	24 V	24V
Power Consumption	95 W	160 W
Temperature Range	50°C - 450°C	50°C - 450°C
Footprint	166 x 115 x 101 mm	166 x 115 x 101 mm
Weight (power unit)	2,6 kg	2,6 kg
Temperature Accuracy	+/- 9°C	+/- 9°C
Temperature Stability	+/- 6°C	+/- 6°C
ESD safe	yes	yes
Iron	WMP	
Heating Element Type	Nichrome Wound	
Length /w/o cord or tip)	160 mm	
Iron Cord Length	1,20 m	
ESD safe	yes	
Standard Tip	NT1	
Iron Stand	WMPH	

ndle has
13 mm, ribs
ing

Choose the station that matches your needs.



Consists of:

- Power unit PUD 81
5 32 626 99 (UK: 5 32 623 99)
- Soldering pencil WMP
WMP
- Pencil holder WPHM
WPHM

- Ergonomical "Tip to Grip" design
- Economical, due to separate heating element from the soldering tip
- Highly precision digital temperature control
- Intelligent power unit
- 3-position digital display
- Temperature control from 50°C – 450°C
- Longlife soldering tips
- Versatile usage
- ESD safe

Order No.: **5 32 826 99**
(UK: 5 32 823 99)



WPHT Stop+Go Support for WMP soldering pencil

The soldering iron support WPHT comes with two different functions:

- Stop + Go function
 - Temperature set-back to 150°C to extend tip life
- The WPHT support has an integrated micro switch to be activated by simply placing the soldering iron in the support. The operator can decide between an immediate or a delayed (20 min) temperature set-back and programme the power unit accordingly.

Order No.: **WPHT**



Consists of:

- Power unit PUD 161
5 32 726 99 (UK: 5 32 723 99)
- Soldering pencil WMP
WMP
- Soldering Pencil WSP 80
5 29 161 99
- Holder WPHM
WPHM
- Holder WPH 80
5 15 140 99

- Dual output soldering station
- Additional powerful 80 Watt soldering pencil WSP 80
- Versatile usage for rework operations - both tools can be used simultaneously – each with different tip or operating temperature
- Ergonomical "Tip to Grip" design (WMP)
- Economical, due to separate heating element from the soldering tip (WMP)
- Highly precision digital temperature control
- Intelligent power unit
- 3-position digital display
- Temperature control from 50°C – 450°C
- Longlife soldering tips
- ESD safe

Order No.: **5 32 846 99**
(UK: 5 32 843 99)



WCB 1 + WCB 2 program module

All popular digital Weller soldering stations can be programmed by the WCB 1 and WCB 2 program modules to provide:

- single temperature lockout
- temperature range lockout
- timed temperature set-back to extend tip life
- display in Fahrenheit or Celsius
- automatic shutoff and tip mass offsets
- Calibration: WCB 1: Reset to factory setting
WCB 2: New calibration of soldering station and reset to factory setting

Order No. WCB 1: **5 31 181 99**
Order No. WCB 2: **5 31 182 99**



Consists of:

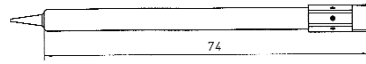
- Power unit PUD 81
5 32 626 99 (UK: 5 32 623 99)
- Soldering pencil WMP
WMP
- Stop+Go support WPHT
WPHT

- WPHT support for Stop+Go and temperature setback
- Ergonomical "Tip to Grip" design
- Economical, due to separate heating element from the soldering tip
- Highly precision digital temperature control
- Intelligent power unit
- 3-position digital display
- Temperature control from 50°C – 450°C
- Longlife soldering tips
- Versatile usage
- ESD safe

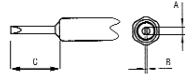
Order No.: **5 32 866 99**
(UK: 5 32 863 99)

NT Tips

Description



Chisel tip



Width A

Thickness B

Length C

Type / Order No.

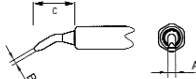
0,8 mm
1,2 mm
1,6 mm
1,6 mm
2,4 mm
3,2 mm
4,0 mm

0,4 mm
0,4 mm
0,4 mm
0,4 mm
0,8 mm
0,8 mm
0,8 mm

8,4 mm
8,4 mm
8,4 mm
9,5 mm
7,4 mm
7,8 mm
7,8 mm

NTH
NTK
NTA
NT6
NTB
NTC
NTD

Chisel tip, bent
Round tip, bent



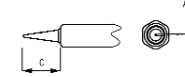
1,6 mm
0,25 mm

0,4 mm
0,8 mm

8,6 mm
8,6 mm

NTAX
NT1X

Round tip



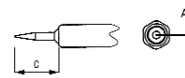
0,25 mm

-

7,4 mm

NT1

Round tip small



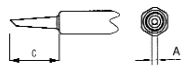
0,25 mm

-

8,5 mm

NT1S

Round tip, sloped
45°



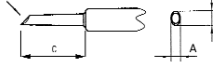
1,2 mm

-

9,9 mm

NT4

Gull Wing



2,0 mm

3,0 mm

13,4 mm

NTGW

NT Measuring tip

-

-

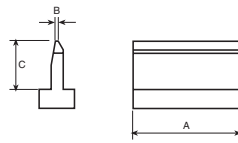
-

NTMS

SMT Tips

Description

Blade



Width A

Thickness B

Length C

Component Type

Type / Order No.

10,4 mm
16,8 mm
20,8 mm

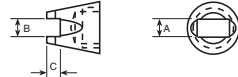
0,6 mm
0,6 mm
0,6 mm

7,1 mm
7,1 mm
7,1 mm

Any (for pad clean-up)
Any (for pad clean-up)
Any (for pad clean-up)

NTSMT01
NTSMT02
NTSMT03

Slot



1,8 mm
1,5 mm
2,5 mm
2,3 mm

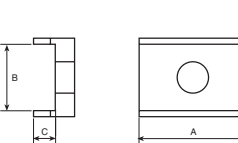
9,4 mm
2,3 mm
1,7 mm
4,5 mm

1,8 mm
1,8 mm
1,4 mm
1,8 mm

Chip
Chip
Chip
Chip

NTSMT04
NTSMT05
NTSMT06
NTSMT07

Tunnel



4,6 mm
10,4 mm
11,5 mm
13,2 mm
15,8 mm
18,3 mm
18,8 mm

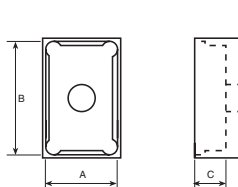
5,1 mm
5,1 mm
6,9 mm
9,5 mm
9,5 mm
9,5 mm
9,0 mm

2,3 mm
2,3 mm
2,3 mm
3,2 mm
3,2 mm
3,2 mm
3,2 mm

DIP
DIP
DIP
DIP
DIP
DIP
DIP

NTSMT08
NTSMT09
NTSMT10
NTSMT11
NTSMT12
NTSMT13
NTSMT14

Quad



2,7 mm
10,4 mm
12,7 mm
13,7 mm
19,1 mm
23,2 mm
24,5 mm
29,6 mm

7,7 mm
10,4 mm
12,7 mm
8,6 mm
19,1 mm
17,3 mm
24,5 mm
29,6 mm

3,8 mm
3,8 mm
3,8 mm
3,8 mm
5,6 mm
3,8 mm
5,6 mm
5,6 mm

PLCC & QFP
PLCC & QFP
PLCC & QFP
PLCC & QFP
PLCC & QFP
PLCC & QFP
PLCC & QFP
PLCC & QFP

NTSMT15
NTSMT16
NTSMT17
NTSMT18
NTSMT19
NTSMT20
NTSMT21
NTSMT22

COOPER Tools

Campbell® CaulkMaster® Crescent® Diamond® Erem® Kahnetics® Lufkin®
Nicholson® Plumb® H.K.Porter® Weller® Wire-Wrap® Wiss® Xcelite®

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