

Once again, Weller leads the market with a new generation. More powerful, faster, more intelligent and reliable than ever. A variety of new and existing Weller soldering irons and accessories.

Powerful.

Two new 80W stations, the WS 80 and WSD 80 increase the ability to work on high-mass components where a greater controlled power is required.

The two new 50W stations, the WS 50 and WSD 50, fulfill most everyday soldering requirements.

Both WSD 50 and WSD 80 have the extra digital feature of actual and preset soldering temperatures displayed.

If more than one connection is needed in quick succession, then the WSD 130, combining 80W and 50W accessory power, enables you to connect any of the other Weller irons and accessories.

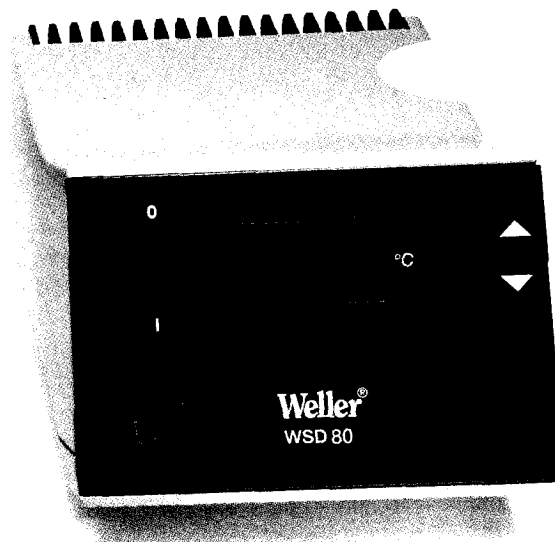
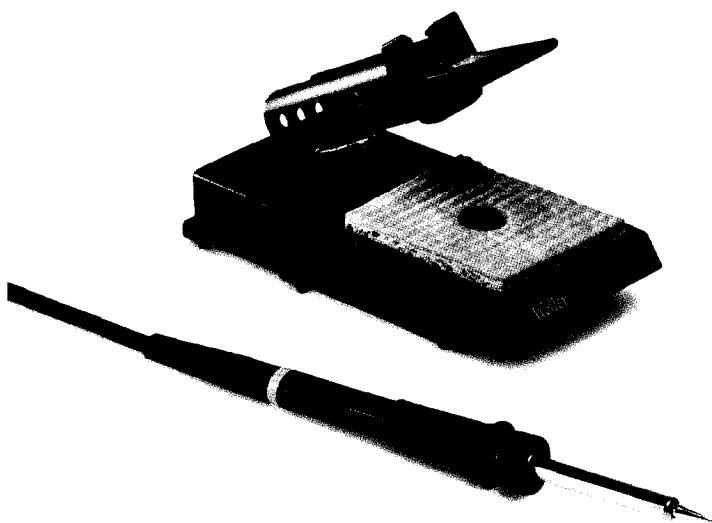
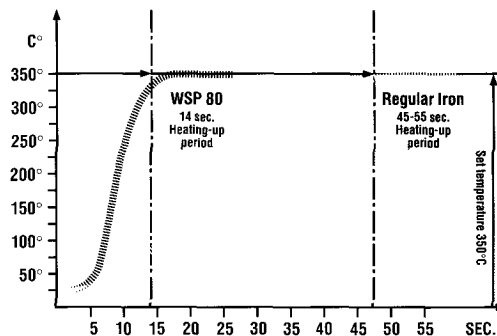
And for those users who prefer to control the soldering temperature simply by changing the tip, Weller also brings you the WTCP 50, the latest in the Magnastat® tradition.

Fast.













The new integrated heating elements in the WSP 80 irons are more conductive so that the heat passes directly into the tip with no idling.

As a result, the new patented Weller low-mass tip has a 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 an 80W heat power is required.



Tips for the WSP 80 soldering irons:

 LT-1 Ø 0.25mm 544 401 99	 LT-1S Ø 0.25mm 544 402 99	 LT-A Ø 1.6mm 544 403 99	 LT-AS Ø 1.6mm 544 404 99				
 LT-B Ø 2.4mm 544 405 99	 LT-C Ø 3.2mm 544 407 99	 LT-CS Ø 3.2mm 544 411 99	 LT-D Ø 4.5mm 544 409 99	 LT-GW 544 410 99	 LT-H Ø 0.8mm 544 412 99	 LT-K 1.2mm 544 413 99	 LT-(Measuring Tip) - 544 416 00

n of temperature-controlled soldering stations and tools.
 r before. These good-looking stations easily connect to a
 accessories to meet your ever-growing workbench needs.

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 frontage area of the new Weller SL Series is kept to a minimum size so that valuable work space is not compromised. The distinct aqua-blue station housing, synonymous with Weller, is not just good looking, but is finished in a fully anti-static coating.

The new Weller SL will bring more than a touch of class to every user's work space.

Intelligent.

All three digital display stations - WSD 50, WSD 80 and WSD 130, have the added facility of being programmed using the WCB. Sensitive components demand precise temperatures and timed connection sequences. The WCB calibration unit fulfills this requirement.

Temperature lock-out ensures that the working temperature isn't mistakenly altered. And timed set-back extends the life of your tips and automatically reduces the temperature of the iron when not in use.








Intelligent programming has never been quicker and easier.



Well Connected.

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



	LR 21 SOLDERING IRON <i>(KH 20 support for LR 21)</i>	✓	✓	✓	✓	✓
	WSP 80 SOLDERING IRON <i>(WPH 80 support for WSP 80)</i>			✓	✓	✓
	LR 82 SOLDERING IRON <i>(KH 27 support for LR 82)</i>			✓	✓	✓
	MLR 21 MINI SOLDERING IRON <i>(KH 15 support for MLR 21)</i>	✓	✓	✓	✓	✓
	MPR 30 ANTISTATIC PERITRONIC SOLDERING PENCIL <i>(KH 25P support for MPR 30)</i>	✓	✓	✓	✓	✓
	EXIN 5 IN/OUT SOLDER POT	✓	✓	✓	✓	✓
	WST 20 THERMAL STRIPPING TOOL WITH SUPPORT	✓	✓	✓	✓	✓
	WHP 80 HEATING PLATE				✓	✓
	WT 50 HEATED TWEEZER <i>(AK 50 support for WT 50)</i>	✓	✓	✓	✓	✓

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

For compatibility with your existing soldering tool accessories and tips, refer to your current Weller Catalogue.



WS 50

Consists of:

PU 50 Power unit
531 126 99
LR 21 Pencil
525 106 99
KH 20 Holder
515 020 99

Analogue control electronics

Protection class 1

Antistatic housing

Temperature control infinitely variable from 150°C - 450°C with potentiometer

Automatic tool recognition

All Temtronic tools up to 50W may be connected

Temperature locking key-operated

Accuracy ±2% of final value

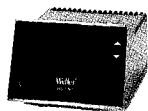
Visual control with LED

Equipotential bonding (normal state hard-earthed)

Includes safety rest for the soldering tool

Dimensions - 166 x 115 x 101mm (L x W x H)

Order No: 531 106 99



WSD 50

Consists of:

PUD 50 Power unit
531 226 99
LR 21 Pencil
525 106 99
KH 20 Holder
515 020 99

Digital control electronics

Protection class 1

Equipotential bonding (normal state hard-earthed)

Antistatic housing

Temperature control from 50°C - 450°C adjustable with buttons

Automatic tool recognition

All Temtronic tools up to 50W may be connected

Calibration box may be connected for time (setback) and locking functions (lock-out)

3-position digital display for PRE-SET and READ VALUE

Accuracy ±2% of final value

Includes safety rest for the soldering tool

Dimensions - 166 x 115 x 101mm (L x W x H)

Order No: 531 206 99



WS 80

Consists of:

PU 80 Power unit
531 326 99
WSP 80 Pencil
529 161 99
WPH 80 Holder
515 140 99

Analogue control electronics

Protection class 1

Antistatic housing

Temperature control from 150°C - 450°C adjustable with potentiometer

Automatic tool recognition

All Temtronic tools up to 80W may be connected

Temperature locking key-operated

Accuracy ±2% of final value

Visual control with LED

Equipotential bonding (normal state hard-earthed)

Includes safety rest for the soldering tool

Dimensions - 166 x 115 x 101mm (L x W x H)

Order No: 531 306 99



WSD 80

Consists of:

PUD 80 Power unit
531 426 99
WSP 80 Pencil
529 161 99
WPH 80 Holder
515 140 99

Digital control electronics

Protection class 1

Equipotential bonding (normal state hard-earthed)

Antistatic housing

Temperature control from 50°C - 450°C adjustable with buttons

Automatic tool recognition

All Temtronic tools up to 80W may be connected

Calibration box may be connected for time (setback) and locking functions (lock-out)

3-position digital display for PRE-SET and READ VALUE

Accuracy ±2% of final value

Includes safety rest for the soldering tool

Dimensions - 166 x 115 x 101mm (L x W x H)

Order No: 531 406 99



WSD 130

Consists of:

PUD 130 Power unit
531 526 99
WSP 80 Pencil
529 161 99
WPH 80 Holder
515 140 99

Digital control electronics

Protection class 1

Equipotential bonding (normal state hard-earthed)

Antistatic housing

Two independent temperature controls from 50°C - 450°C adjustable with buttons

Automatic tool recognition

All Temtronic tools up to 50W or 80W may be connected

2x80W

Calibration box may be connected for time (setback) and locking functions (lock-out)

3-position digital display. For both channels, PRE-SET and READ VALUE may be switched over via button

Accuracy ±2% of final value

Dimensions - 166 x 115 x 101mm (L x W x H)

Order No: 531 506 99



WTCP 50

Consists of:

PUT 50 Power unit
531 026 99
TCP Pencil
532 105 99
KH 20 Holder
515 020 99

On/Off controller

Magnastat System

Protection class 1

Antistatic housing

Temperature control variable by tip exchange

Equipotential bonding (normal state hard-earthed)

Includes safety rest for the soldering tool

Dimensions - 166 x 115 x 101mm (L x W x H)

Order No: 531 006 99



CooperTools

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