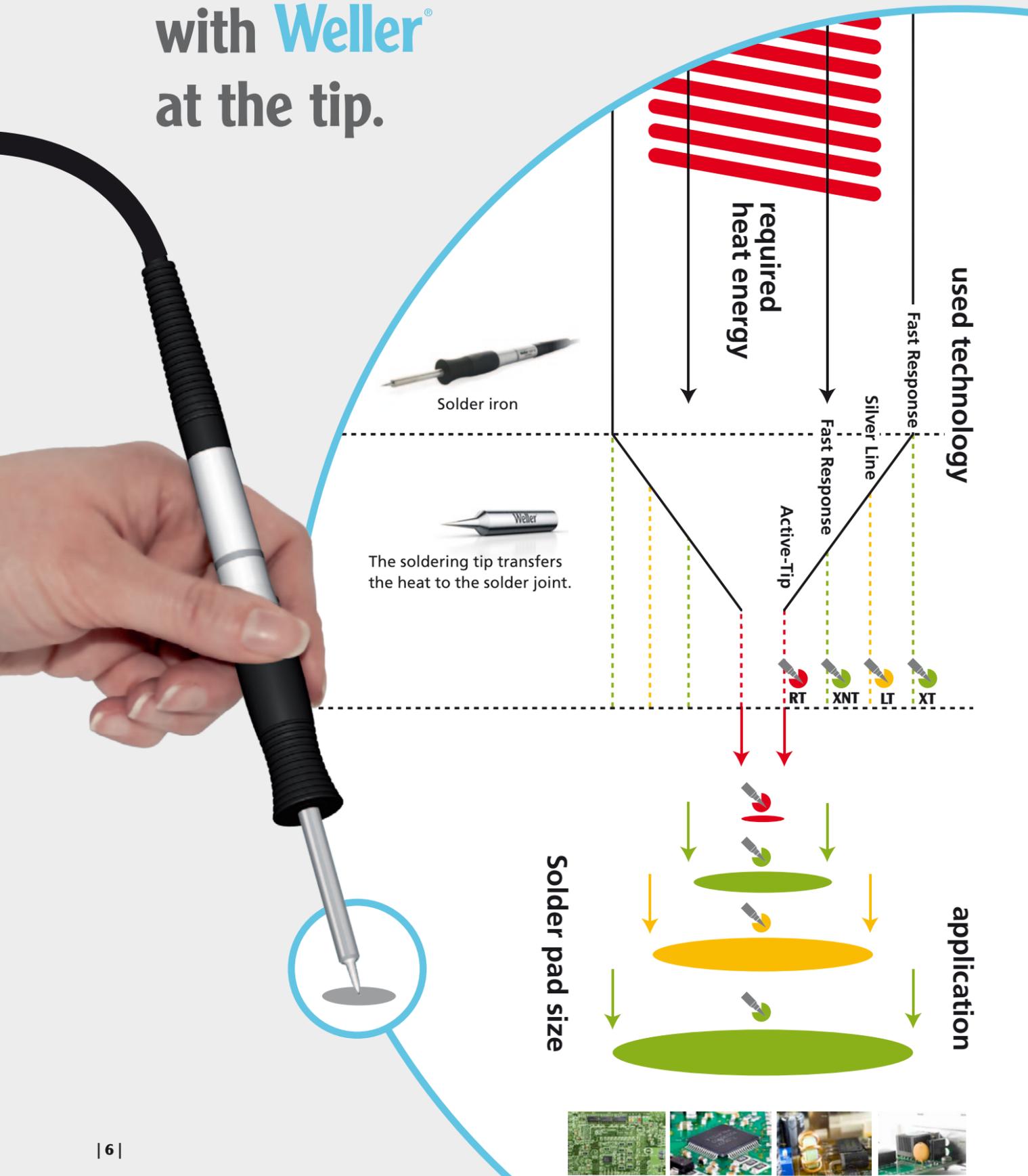


Concentrated power with **Weller** at the tip.



Different soldering jobs require improved tools



RT / RTW Active-Tip technology

Jobs with high heat requirement which standard tools cannot handle, for example micro soldering work under a microscope.



XNT Fast Response technology

Soldering SMD components for small solder pads.



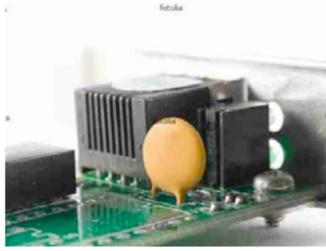
LT Silver-Line technology

For universal applications.



XT / XHT Fast Response technology

Soldering jobs with a high heat requirement and big solder pads.



Save costs with WSW soldering wire from Weller.

The permanent development of Weller soldering wire means that it is now possible to drastically improve the quality of soldering points. Weller is launching worldwide exclusive its improved and patented WSW soldering wire in cooperation with the soldering wire manufacturer **almit**

Example calculation: Costs for soldering tips compared with Rival

Assumption price for soldering tip: Active Tips ca. 20 €, Interchangeable tips ca. 5 €

	Weller WSW	Rival SAC 305
Number of solder cycles per soldering tip	50000	15000
Cost per solder point: Active Tip	0,0004 €	0,0013 €
Cost per solder point: Interchangeable tips von Weller Weller supplies heating technology with interchangeable tips.	0,0001 €	0,00033 €

Potential saving per workstation

Assumption: 100,000 solder joints per week, 2 kg soldering wire, 44 working weeks per year

Potential savings for soldering wire

Active Tip	Weller	Rival
Soldering wire	Weller WSW	Rival SAC 305
Cost per solder point	0,0004 €	0,0013 €
= Cost per year	1760 €	5.720 €
+ Cost Soldering wire	163 €	120 €
=	1.923 €	5.840 €

Potential saving for Weller solder tips + soldering wire

	Weller	Rival
	Interchangeable tips	Active Tip
Cost per solder point	0,0001 €	0,0013 €
= Cost per year	440 €	5.720 €
+ Cost Soldering wire	163 €	120 €
=	603 €	5.840 €

Saving per year 3.917 € ✓

Saving per year 5.237 € ✓



Performance

- WSW soldering wire provides excellent flux properties
- No more solder spatter due to a very homogeneous flux distribution
- Reduced Fe leaching
- Fast and homogeneous wetting



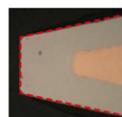
Great cost efficiency

Reduction in solder tip use by around 50 – 70%, in some cases as much as 80%.

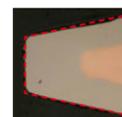


Increased service life

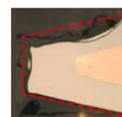
Increase in solder tip service life due to its microalloy finish.



New tip



Weller WSW after 10,000 solder cycles



Rival after 10,000 solder cycles



Maximum flexibility

To guarantee maximum flexibility with soldering wire as well, Weller can supply a range of alloys and fluxes as well as various wire diameters. See page 22



Perfect power pack



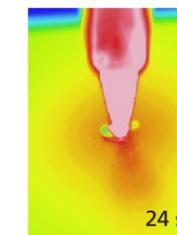
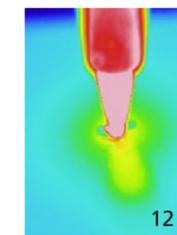
The Weller power pack comprising WSW soldering wire and newly developed Weller High Speed (HS) solder tips makes it possible to complete soldering work which was previously not possible with standard tips.



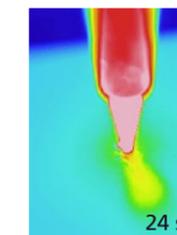
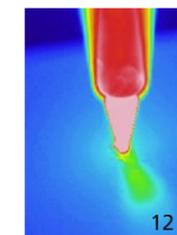
High Speed heat transfer

High Speed solder tips provide enhanced heat transfer to the solder area.

This new soldering system ensures even and homogeneous wetting. The use of other soldering wires will result in higher wear and poorer performance.



Weller High Speed solder tip



Weller standard tip

Heat transfer to the solder area
35°C 200°C



Time savings

- Increase in productivity by around two-fold.
- Fast wetting by improved flux technology.



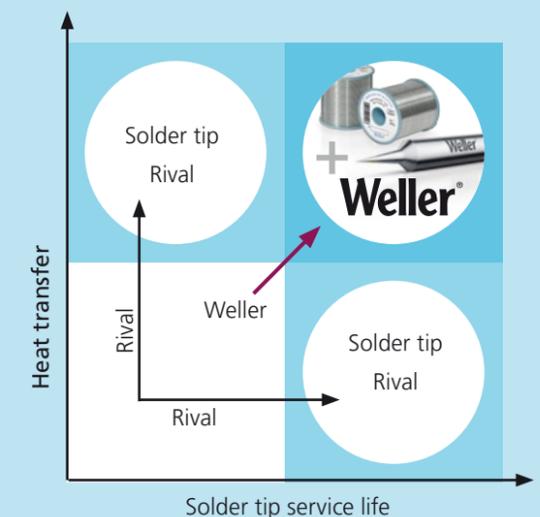
Great cost efficiency

- Reduction in rework costs.
- Massive reduction in cost per solder point.
- Increase productivity by improved heat transfer.



Performance

New High Speed tips coupled with newly developed solder provide excellent heat transfer together with a longer service life.



The perfect technology for every application combined with the genuine solder tip from Weller.

WMRP/ WXMP

Fine slim soldering iron. Ideal for microscope work.
High performance by integrated active soldering tip.

55 W, 12 V



- Excellent heat transfer and sensors
- Solder tips can be changed quickly and easily
- Excellent reaction time
- Extremely short heating time 100°C/sec

RT WXMP / WMRP

55 W, 12 V



Fine slim soldering iron. Ideal for microscope work.

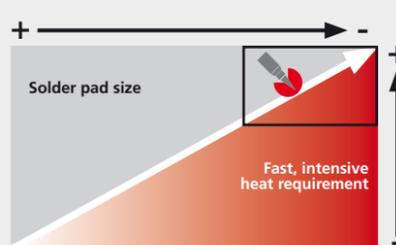
RTW WXMT / WMRT

2 x 40 W, 12 V



Slim tweezers. Ideal for soldering and desoldering of very small SMD components.

Active-Tip



Solder pad size

Fast, intensive heat requirement

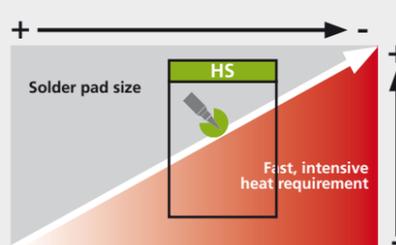
XNT WXP 65 / WP 65

Small fast soldering iron. Qualified for fine solder jobs with high heating demand.

65 W, 24 V



Fast Response



Solder pad size

Fast, intensive heat requirement

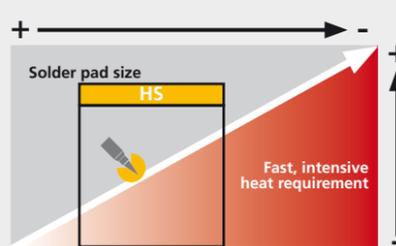
LT WSP 80 / WP 80

For all purpose industrial applications. A wide range of soldering tips are available.

80 W, 24 V



Silver Line



Solder pad size

Fast, intensive heat requirement

XT WXP 120 / WP 120

120 W, 24 V



Allrounder with 120 watts. For soldering applications from small to large components with high temperature demand.

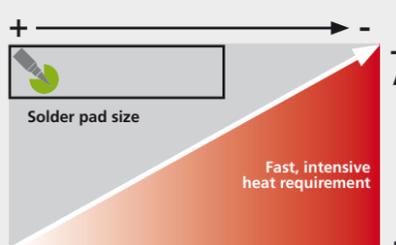
XHT WXP 200 / WP 200

200 W, 24 V



High Power soldering iron. Ideal for applications with a high temperature demand e.g. LED backpanels or HF shieldings.

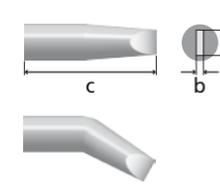
Fast Response



Solder pad size

Fast, intensive heat requirement

Chisel



RT	Ø a mm	b mm	Order-no.
RT 15C	0,4	0,15	T005 44 612 99
RT 15CNW*	0,3	0,1	T005 44 626 99
RT 3	1,3	0,4	T005 44 603 99
RT 4	1,5	0,4	T005 44 604 99
RT 8	2,2	0,4	T005 44 608 99
RT 9	0,8	0,4	T005 44 609 99
RT 11	3,6	0,9	T005 44 611 99
RT 5 30°	0,8	0,4	T005 44 605 99

Type	Ø a mm	b mm	Order-no.
RT 15CMS	0,4	0,15	T005 44 615 99
RT 15CNWMS*	0,3	0,1	T005 44 626 71
RT 3MS	1,3	0,4	T005 44 616 99
RT 4MS	1,5	0,4	T005 44 618 99
RT 8MS	2,2	0,4	T005 44 622 99
RT 9MS	0,8	0,4	T005 44 623 99
RT 11MS	3,6	0,9	T005 44 631 99
RT 5MS 30°	0,8	0,4	T005 44 619 99
RT 3XMS 30°	1,5	0,5	T0054460373

Conical



Type	Ø a mm	Order-no.
RT 1	0,2	T005 44 601 99
RT 1NW*	0,1	T005 44 625 99
RT 2	0,8	T005 44 602 99

Type	Ø a mm	Order-no.
RT 1	0,2	T0054461499
RT 1NW*	0,1	T0054462571
RT 2	0,8	T0054461799
RT 12MS 25°	0,5	T0054463299
RT 13MS 30°	0,4	T0054463399
RT OMS	0,2	T0054463073
RT OMS	0,4	T0054463071

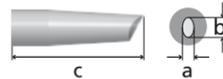
Sloped



Typ	Ø a mm	Art.-Nr.
RT 6 45°	1,2	T005 44 606 99

Typ	Ø a mm	Art.-Nr.
RT 6 45°	1,2	T0054462099

Gull Wing



Typ	Ø a mm	b mm	Art.-Nr.
RT 10GW	1,2	2,0	T005 44 610 99

Typ	Ø a mm	b mm	Art.-Nr.
RT 10GW	1,2	2,0	T0054462499

Knife



Typ	Ø a mm	Art.-Nr.
RT 7 45°	2,2	T005 44 607 99

Typ	Ø a mm	Art.-Nr.
RT 7 45°	2,2	T0054462199
RT KNMS 45°	4,6	T0054462971

Measuring tip

Typ	Art.-Nr.
RT Messspitze	T005 44 613 99

Round

Typ	Ø a mm	Art.-Nr.
RT 14MS	0,4	T0054460173
RT 15MS	0,75	T0054460273

* none wettable



WXMT / WMRT

Slim tweezers. Ideal for soldering and desoldering of very small SMD components.

2 x 40 W, 12 V



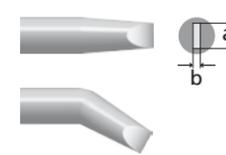
RTW = tweezers



- Excellent heat transfer and sensors
- Solder tips can be changed quickly and easily
- Excellent reaction time
- Extremely short heating time 100°C/sec



Chisel



RTW	Ø a mm	b mm	Art.-Nr.
RTW 2 45°	0,7	0,4	T005 44 652 99
RTW 3 45°	3,0	1,0	T005 44 653 99
RTW 4 45°	6,0	1,0	T005 44 654 99
RTW 9	3,0	1,0	T005 44 666 99
RTW 11	6,0	1,0	T005 44 667 99
RTW 10	10,0	1,0	T005 44 668 99

Typ	Ø a mm	b mm	Art.-Nr.
RTW 2MS45°	0,7	0,4	T0054465799
RTW 3MS 45°	3,0	1,0	T0054465899
RTW 4MS 45°	6,0	1,0	T0054465999
RTW 9MS	3,0	1,0	T0054466999
RTW 11MS	3,6	0,9	T0054467099
RTW 10MS	10,0	1,0	T0054467199
RTW 3S	3,3	1,0	T0054465371
RTW 7NWMS*	0,8	0,4	T0054466371

Conical



Typ	Ø a mm	Art.-Nr.
RTW 1 45°	0,4	T005 44 651 99
RTW 6NW* 45°	0,2	T005 44 656 99
RTW 8	0,4	T005 44 664 99

Typ	Ø a mm	Art.-Nr.
RTW 1MS 45°	0,4	T0054465599
RTW 6NWMS* 45°	0,2	T0054465671
RTW 8MS	0,4	T0054466599

* none wettable