



WT2023M

Item No: T0053462699

Compact. Powerful. Versatile.
Boost your productivity
Discover the WT 2M Soldering Station, a true workaholic boosting your workspace productivity. This isn't just a tool—it's your ultimate partner for excellence. With extremely fast heat-up and recovery times, it handles everything from small components to large applications effortlessly. No more juggling tools or compromising performance. Enjoy the best value without sacrificing quality, gaining the flexibility and productivity to simplify your tasks and achieve more. Choose worry-free precision. Choose unstoppable productivity. Choose Weller WT Soldering Stations.

KEY FEATURES

- + This kit is built to handle micro and standard rework applications effectively.
- + Compact
The WT2M is a compact, dual-channel soldering station that streamlines your workspace, cuts costs, and boosts efficiency by effortlessly managing tasks from nano to larger micro applications.
- + Powerful
The Weller RTM and RTW active tips series with extremely fast heat-up times boost productivity. They allow continuous workflow and faster task completion, which ultimately leads to higher efficiency and greater project throughput.
- + Versatile

The WT 2M soldering stations offer exceptional flexibility, seamlessly integrating with both new nano and micro tools with active tip technology and existing ones with passive tip technology, ensuring a flexible, user-friendly experience for all your soldering needs. It is up to your productivity and total cost of ownership preferences.

- + Fast Heat Up and Recovery Time**
5 seconds heat-up time with Weller's RT tips with active heat technology. Fast heat-up times maximize productivity by reducing waiting periods, enabling quicker start times, continuous workflow, and faster job completion, enhancing overall efficiency and performance.
- + Multiple Options possible**
Connect 10+ different soldering tools to one WT1M soldering station, showcasing unmatched flexibility. Fast and powerful active tips or cost of ownership sensitive tools enhance efficiency without the need for multiple stations.
- + Stackable units**
WT stations can be stacked onto each other
- + Health Care**
The WT station, connected to a Weller ZeroSmog fume extraction unit, safeguards health during soldering.
- + 2 Channel Rework Kit (150 W) to cover micro and standard soldering and desoldering tasks including WTMP MS Micro pencil and WTMT MS Micro tweezers with active (cartridge) tip technology**
RTM and RTW Tip Family 5 seconds heat-up time
High productivity
Intuitive use thanks to clear menu structure
Reduced footprint thanks to stackability
Graphical backlit LC-Display
High performance and functionality - many connectable tools
Housing cover useable as storage
OFF time, Process window, Lock function, Offset
Stackable units
Connectable to ZeroSmog Fume Extraction Units
Station Set to cover smallest to standard rework tasks
Micro desoldering tools with active (cartridge) tips
5 seconds heat-up time
Stackable units
Connectable to ZeroSmog Fume Extraction Units
- + 2 Channel Rework Kit (150 W) to cover micro and standard soldering and desoldering tasks including WTMP MS Micro pencil and WTMT MS Micro tweezers with active (cartridge) tip technology**
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Connectable to ZeroSmog Fume Extraction Units

Station Set to cover smallest to standard rework tasks

Micro desoldering tools with active (cartridge) tips

5 seconds heat-up time

Stackable units

Connectable to ZeroSmog Fume Extraction Units

Compact. Powerful. Versatile



TECHNICAL DATA

Dimensions L x W x H	150 x 130 x 101 mm
ESD Safe	Yes
Fuse	T 0,8
Mil-Spec	Yes
Power Consumption	150 W
Temperature Accuracy °C	±9 °C
Temperature Accuracy °F	±17 °F
Temperature Range (Depends on Tool)	100 - 450 / 550 °C
Temperature Stability °C	±2 °C
Temperature Stability °F	±4 °F
UPC	4003019449361
Voltage	230 V / 50 Hz
Weight (Catalog)	1.9 kg

RT Pico



WX

RT Micro



WX



WT

RT Ultra



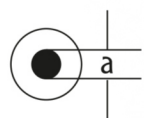
WX



Soldering Iron: WXPP ○ / WXPP MS ●

article a / b (mm) (inch)

Conical



RTP 001 C RTP 001 C		0.1 0.004
RTP 001 C NW RTP 001 C NW MS		0.1 0.004
RTP 002 C RTP 002 C MS		0.2 0.008
RTP 004 C RTP 004 C MS		0.4 0.016
RTP 001 C X RTP 001 C X MS		0.1 0.004
RTP 002 C X RTP 002 C X MS		0.2 0.008

Soldering Iron: WXMP ○ / WXMP MS ● / WMRP ○ / WMRP MS ●

article a / b (mm) (inch)

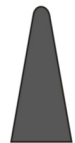
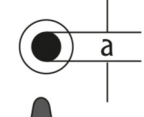
RTM 001 C NW RTM 001 C NW MS		0.1 0.004
RTM 002 C RTM 002 C MS		0.2 0.008
RTM 002 C L RTM 002 C L MS		0.2 0.008
RTM 004 C X MS		0.4 0.016
RTM 005 C X MS		0.5 0.019
RTM 008 C RTM 008 C MS		0.8 0.031

Soldering Iron: WXUP MS ●

article a / b (mm) (inch)

RTU 004 C MS		0.4 0.016
RTU 008 C MS		0.8 0.031
RTU 016 C MS		1.6 0.063
RTU 004 C X MS		0.4 0.016
RTU 008 C X MS		0.8 0.031
RTU 016 C X MS		1.6 0.063

Bevel Cut

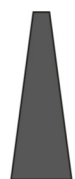
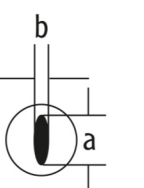


RTP 004 B RTP 004 B MS		0.4 0.016
RTP 012 B RTP 012 B MS		1.2 0.047

RTM 004 B RTM 004 B MS		0.4 0.016
RTM 012 B RTM 012 B MS		1.2 0.047

RTU 020 B MS		2.0 0.079
RTU 035 B MS		3.5 0.138
RTU 050 B MS		5.0 0.197

Chisel



RTP 002 S RTP 002 S MS		0.2 / 0.1 0.008 / 0.004
RTP 002 S NW RTP 002 S NW MS		0.2 / 0.1 0.008 / 0.004
RTP 004 S RTP 004 S MS		0.4 / 0.2 0.016 / 0.008
RTP 008 S RTP 008 S MS		0.8 / 0.3 0.031 / 0.012
RTP 010 S RTP 010 S MS		1.0 / 0.3 0.039 / 0.012
RTP 013 S RTP 013 S MS		1.3 / 0.3 0.051 / 0.012

RTM 003 S		0.3 / 0.15 0.012 / 0.006
RTM 003 S NW RTM 003 S NW MS		0.3 / 0.1 0.012 / 0.004
RTM 004 S MS		0.4 / 0.2 0.016 / 0.008
RTM 006 S MS		0.6 / 0.4 0.024 / 0.016
RTM 008 S RTM 008 S MS		0.8 / 0.4 0.031 / 0.016
RTM 008 S X RTM 008 S X MS		0.8 / 0.4 0.031 / 0.016
RTM 010 S RTM 010 S MS		1.0 / 0.3 0.039 / 0.012
RTM 013 S RTM 013 S MS		1.3 / 0.4 0.051 / 0.016
RTM 013 S X RTM 013 S X MS		1.3 / 0.5 0.051 / 0.019
RTM 015 S RTM 015 S MS		1.5 / 0.4 0.059 / 0.016
RTM 018 S RTM 018 S MS		1.8 / 0.4 0.071 / 0.016
RTM 022 S RTM 022 S MS		2.2 / 0.4 0.087 / 0.016
RTM 032 S RTM 032 S MS		3.2 / 0.9 0.126 / 0.035
RTM 036 S RTM 036 S MS		3.6 / 0.9 0.141 / 0.035

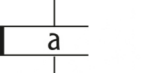
RTU 015 S MS		1.5 / 0.4 0.059 / 0.016
RTU 022 S MS		2.2 / 0.6 0.087 / 0.024
RTU 032 S MS		3.2 / 0.8 0.126 / 0.031
RTU 032 S L MS		3.2 / 0.8 0.126 / 0.031
RTU 050 S MS		5.0 / 1.2 0.197 / 0.047
RTU 076 S MS		7.6 / 1.5 0.299 / 0.059
RTU 093 S MS		9.3 / 2.0 0.366 / 0.079

NO COMPROMISE.

PRECISION. PERFORMANCE. POWER.

EXPLORE THE NEW ACTIVE SOLDERING TIP RANGE

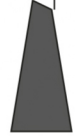
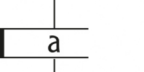
Knife



RTP 010 K RTP 010 K MS		1.0 0.039
RTP 010 K NW RTP 010 K NW MS		1.0 0.039
RTP 025 K RTP 025 K MS		2.5 0.098

RTM 025 K RTM 025 K MS		2.5 0.098
RTM 022 K RTM 022 K MS		2.2 0.087
RTM 030 K RTM 030 K MS		3.0 0.118

Gullwing



RTP 020 G RTP 020 G MS		2.0 0.079
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RTM 020 G RTM 020 G MS		2.0 0.079
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RTU 020 G MS		2.0 0.079
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- Standard tip
- Mil-Spec soldering tip
- not wettable

Measuring tip



Blade



RTU 100 K MS		10.0 0.393
RTU 160 K MS		16.0 0.630
RTU 200 K MS		20.0 0.078
RTU 330 K MS		33.0 1.299

Weller®

www.weller-tools.com/nocompromise



WTMT Pico & Micro De/Soldering Tweezer

- + Unique 2-in-1 Desoldering Tweezers, 80 W, 12 V:
Supports Pico & Micro Tweezers Tips for usage under the microscope.
(Save one Tweezers Tool)
- + Extremely short heat-up time: 5 sec.
- + Maximum precision during the soldering process with short tip-to-grip distance and optimized tip design.
- + Precise positioning ensured with unique parallel sliding block guide.
- + Fastest Tweezers Tip Change
- + Ergonomics: Improved comfort and safe handling with new ergonomic soft grips
- + Compatible with:
WT 2M / WR 3M Control unit;
WSR 211 Safety Rest;
RTWMS / RTWPS Desoldering Tip Range



WTMT
WTMT Micro De/Soldering Tweezer
(hand piece without tips)
2 x 40 W, 12 V
Order No. T0051321199

WTMT Set
WTMT incl. WTMT Tweezers, 80 W, 12 V,
RTWMS 030 K Tips (2 x 40 W)
and WSR 211 Safety Rest
(RTWMS/RTWPS Tip type series)
Order No. T0051321499

RTWPS Smart Pico Tweezers Tips

- + High performance tips for the smallest components: 0402 down to 01005
- + Short tip-to-grip distance
- + MIL-SPEC / IPC standard (potential free, MS versions)

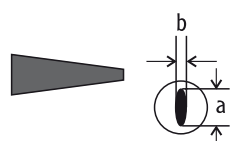


CONICAL



Model	Watt	a / b (mm) (inch.)	Order No.
RTWPS 001 C MS	2 x 40	0,1 0.004	T0050115499
RTWPS 001 C X HM	2 x 40	0,1 0.004	T0050115599

CHISEL BENT



Model	Watt	a / b (mm) (inch.)	Order No.
RTWPS 002 S X	2 x 40	0,2 x 0,1 0.008 x 0.004	T0050115699
RTWPS 002 S X HM	2 x 40	0,2 x 0,1 0.008 x 0.004	T0050115799

● not wettable

RTWMS Smart Micro Tweezers Tips

- + High performance active tips for micro and standard
- + MIL-SPEC / IPC standard (potential free, MS versions)

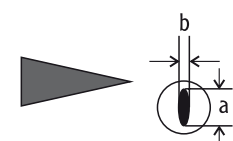


CONICAL BENT



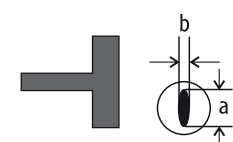
Model	Watt	a / b (mm) (inch.)	Order No.
● RTWMS 001 C NW X	2 x 40	0,1 0.004	T0050116699
RTWMS 004 C X	2 x 40	0,4 0.016	T0050115899

CHISEL BENT

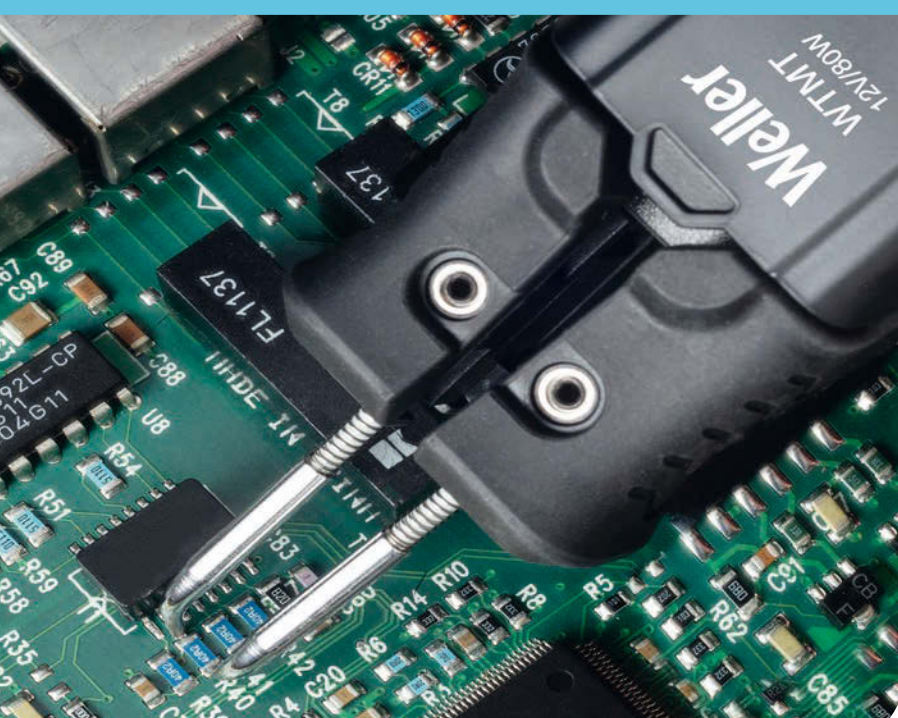


Modell	Watt	a / b (mm) (inch.)	Order No.
RTWMS 007 S X	2 x 40	0,7 x 0,4 0.027 x 0.016	T0050115999
RTWMS 013 S	2 x 40	1,3 x 0,4 0.051 x 0.016	T0050116299
RTWMS 008 S	2 x 40	0,8 x 0,4 0.031 x 0.016	T0050116799

BLADE



Model	Watt	a / b (mm) (inch.)	Order No.
RTWMS 030 K	2 x 40	3,0 x 1,0 0.118 x 0.039	T0050116099
RTWMS 060 K	2 x 40	6,0 x 1,0 0.236 x 0.039	T0050116199
RTWMS 100 K	2 x 40	10,0 x 1,0 0.394 x 0.039	T0050116499
RTWS 150 K	2 x 40	3,0 x 1,0 0.118 x 0.039	T0050116399
RTWMS 060 K	2 x 40	6,0 x 1,0 0.236 x 0.039	T0050116599



Active Tip



Heat up time

°C
350
300
200
100
0
RTWPS 3 sec *
RTWMS 5 sec *

Component size



*from 50°C to 350°C /
120°F to 620°F

Weller

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TWEEZERS

WTLine

Discover more

