

# Weller

#PowerfulTogether



## SOLDERING SOLUTION GUIDE

+ ACCESSORIES, FILTRATION AND PRECISION TOOLS

# Find the right soldering solution for your applications

- Production workbench
- R&D workbench
- Rework workbench

No matter if it's a mid-range or high-end soldering application – with or without traceability – Weller offers the right stations, tools, tips, fume extraction, precision tools, and accessories.

We are your one-stop shop for the professional soldering workbench. Today and in the future. Talk to us!



# PRODUCTION

## workbench



Everything you need to build and optimize your production workbench – from precision soldering to effective fume extraction, designed for efficiency and reliability.

**SOLDERING STATIONS** HIGH END

**TOOLS & TIPS** HIGH END

**SOLDERING STATIONS** MID RANGE

**TOOLS & TIPS** MID RANGE

**FUME EXTRACTION** HEALTH PROTECTION

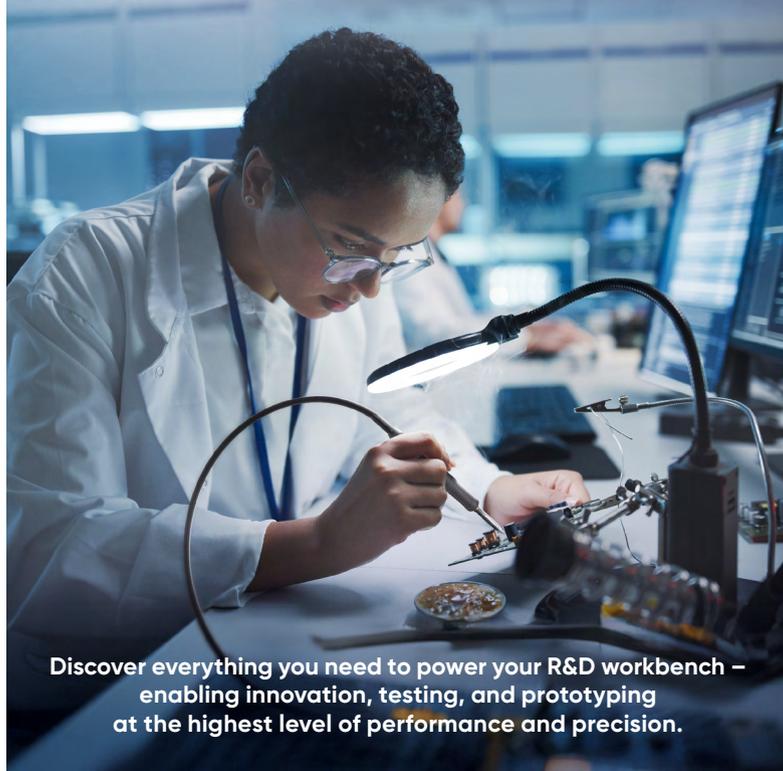
**CUTTERS & PLIERS** PRECISION TOOLS

**TWEEZERS** PRECISION TOOLS

**ACCESSORIES** COMPLETE THE BENCH

# R&D

## workbench



Discover everything you need to power your R&D workbench – enabling innovation, testing, and prototyping at the highest level of performance and precision.

**SOLDERING STATIONS** HIGH END

**TOOLS & TIPS** HIGH END

**SOLDERING STATIONS** MID RANGE

**TOOLS & TIPS** MID RANGE

**FUME EXTRACTION** HEALTH PROTECTION

**CUTTERS & PLIERS** PRECISION TOOLS

**TWEEZERS** PRECISION TOOLS

**ACCESSORIES** COMPLETE THE BENCH

# REWORK

## workbench



Unlock the complete toolkit for professional rework – smart solutions that make repair and modification faster, safer, and more efficient.

**SOLDERING STATIONS** HIGH END

**TOOLS & TIPS** HIGH END

**SOLDERING STATIONS** MID RANGE

**TOOLS & TIPS** MID RANGE

**FUME EXTRACTION** HEALTH PROTECTION

**CUTTERS & PLIERS** PRECISION TOOLS

**TWEEZERS** PRECISION TOOLS

**ACCESSORIES** COMPLETE THE BENCH

# Discover our high-end Soldering Stations for professional use: WXsmart and WX2

WXsmart – the all-in-one hand-soldering platform – offers maximum traceability and connectivity. As the most connected, controlled, and secure solution worldwide, WXsmart is shaping the future of soldering – complemented by the WX2N soldering station, an intuitive and easy-to-operate system for soldering and desoldering that ensures maximum process reliability in automotive, aerospace, and medical technology.



ESD-Safe

## Overview and key features



### WXsmart 120V

Item No.: T0053451299  
2-Channel Power Unit, 300 W



- The all-in-one soldering station for every soldering task and challenge: The first hand soldering station that provides maximum connectivity, with all interfaces embedded (ex: factory), with no need for any additional hardware costs.
- Full traceability of soldering process: tracing the hand soldering process with the WXsmart platform provides complete transparency, full process documentation and high process control.
- Managing your complete soldering process, from tip to station, has never been easier and more productive with the first all-in-one WXsmart hand soldering platform.
- With Total Process Control (TPC), the WXsmart offers maximum connectivity and traceability at the highest quality.



### WX2N 120V

Item No.: WX2N  
2-Channel Power Unit, 200 W (255 W)

- Robust touch screen with ESD safe glass.
- Intuitive use with turn-click-wheel with enter key and finger guide.
- Blue LED backlighting and multilingual menu navigation.
- High functionality – no safety rest with Stop & Go function needed thanks to integrated acceleration sensor.
- Optimized precision, better stability by sensor in the soldering iron.
- Specific parameterization of tool by storage medium in hand piece.
- Visual process control via blue LED ring light.

**PRODUCTION WORKBENCH**

**SOLDERING STATIONS**

**HIGH END**

# Experience our high-end WX Tools & Tips Sets – designed to fulfil all your requirements

Weller's smart sets are designed to meet the increasing demands of complex soldering applications. Smart tips and tools providing the user with many new features – no matter, if micro, standard or heavy-duty soldering applications, which meet the military standard, further tip sizes available!



ESD-Safe

## Overview and key features



### **WXMPMS MS Set** Item No.: T0052923899

Soldering Iron Set, 40 W / 12 V,  
soldering tip families RTPS MS and RTMS MS

- Unique 2-in-1-soldering tool with 40 W that is compatible to all nano/pico and micro soldering applications.
- Extremely fast 3-second heat-up time.



### **WXUPS MS Set** Item No.: T0052923799

Heavy-Duty Soldering Iron Kit, 150 W / 24 V,  
soldering tip family RTUS MS

- For high-performance soldering applications.
- Delivering heat through the joint, even enabling precise soldering of multilayer boards.



### **WXPP MS Set**

Item No.: T0052923299

Soldering Iron Set, 40 W / 12 V,  
soldering tip family RTP MS

- For soldering tasks under the microscope (components from XS to S – 0402 – 01005).



### **WXMP MS Set**

Item No.: T0052923499

Intelligent Micro Soldering Iron, 40 W / 12 V,  
soldering tip family RTM MS

- For standard and micro applications, (component size from M to L – 0504 – 1608).



### **WXUP MS Set**

Item No.: T0052923399

Soldering Iron Set, 150 W / 24 V,  
soldering tip family RTU MS

- For heavy-duty soldering applications.
- For largest components with high energy consumption.



### **WXP120 Set**

Item No.: T0052920299N

Intelligent Hybrid Soldering Iron, 120 W / 12 V,  
soldering tip family XT

- For small and large components (high mass) with high energy demand.
- Allrounder for WX stations.

**PRODUCTION WORKBENCH**

**TOOLS & TIPS**

**HIGH END**

# All you need: Compact, powerful, versatile. The WT1M & WT2M PerformancePacks

Experience the WT1M and WT2M Soldering Stations as true workhorses, designed to elevate your productivity. Building on the functionality of the WT PerformanceLine, these models offer expanded compatibility with Active Micro Tools, making them ideal for precision soldering tasks and intricate work.



ESD-Safe

## Overview and key features



### WT1M 120V

Item No.: WT1M  
1-Channel Power Unit, 95 W / 120 V



**The WT1M Soldering Station is a true workhorse boosting your workspace productivity. 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.**

- One channel, different tools that fit.
- Fast heat up and recovery time – 3 seconds heat-up time with Weller's RT tips with active heat technology.
- Connect up to 12 different soldering tools to one WT1M soldering station.
- Reduced footprint thanks to stackability.



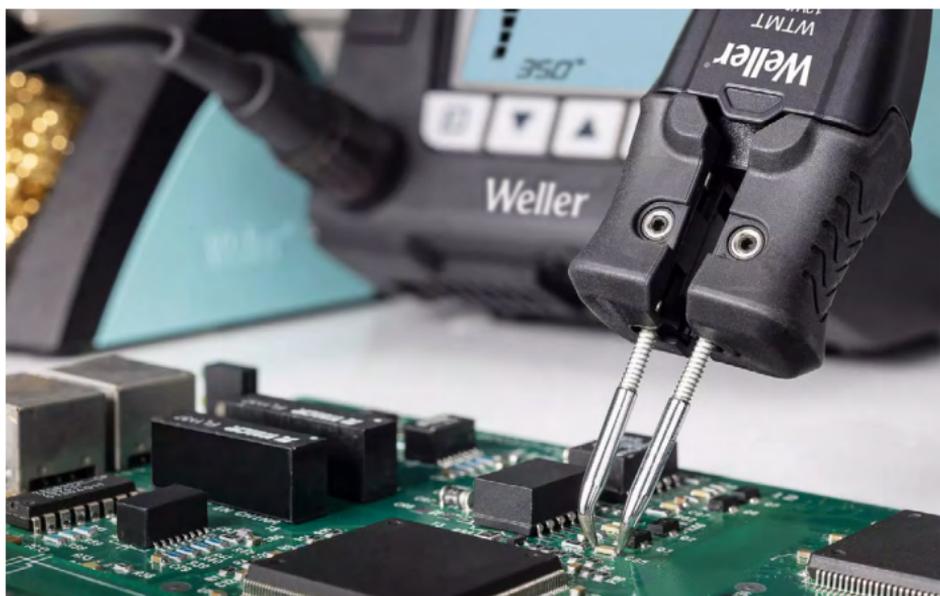
### WT2M 120V

Item No.: WT2M  
2-Channel Soldering Station, 150 W / 120 V



**Weller WT2M Soldering Stations – high flexibility for versatile applications.**

- Serving two users at once (with intelligent power sharing).
- High productivity, high performance and functionality.
- Compatible with Weller's microsoldering cartridge tip tools, plus many existing passive tip tools.
- Reduced footprint thanks to stackability.



**PRODUCTION WORKBENCH**

**SOLDERING STATIONS**

MID RANGE

# Find your right Soldering Tools & Tips for our WT1M / WT2M Soldering Stations

WT PerformanceLine tools & tips: You've got the choice – no matter, if micro or nano/pico application, Weller provides the perfect soldering irons, safety rests and tips to achieve the perfect soldering results in the mid-range segment, which meet the military standard, further tip sizes available!



## Overview and key features



### WTMP MS Set

Item No.: T0052924199  
Micro Soldering Iron WTMP MS 40 W, 12 V, soldering tip family RTM MS

- Fine slim soldering iron handle for micro soldering applications.
- Reduce downtimes.
- Safety Rest with Stop & Go Function.



### Includes RTM 013 S MS

Item No.: T0054461699N  
RT Micro Soldering Tip, chisel  $\varnothing$  1.3 x 0.4 mm, MIL-SPEC

- High performance active tip, MIL-SPEC for micro & standard components covering the wide range of applications.
- Covering the widest range of applications.



### WTPP MS Set

Item No.: T0052924299  
Nano/Pico Soldering Iron WTPP MS 40 W, 12 V, soldering tip family RTP MS

- Fine slim soldering iron handle for nano/pico soldering applications.
- Reduce downtimes.



### Includes RTP 004 S MS

Item No.: T0050102399  
RT Nano/Pico Tip, chisel  $\varnothing$  0.4 x 0.2 mm, MIL-SPEC

- High performance Soldering tips RT Pico MIL-SPEC for smallest micro components: 0402 down to 01005.
- Made of the smallest precision soldering applications.



**PRODUCTION WORKBENCH**

**TOOLS & TIPS**

MID RANGE

# Clean air is a worker's right: ZeroSmog Guard Fume Extraction Units

Breathe easier in a clean production environment:  
ZeroSmog Guard Under-Bench Fume Extraction  
Units are designed for continuous, 24/7 use  
in professional handsoldering on the  
production line.



Protect  
your  
health



ESD-Safe

## Overview and key features

### ZeroSmog Guard 2 Kit2 ALFA 120V

Item No.: FT91026299

Dual User Fume Extraction Unit Kit, 146 W / 120 V



- Highest level filtration – for cleaner and healthier air.
- High efficiency particle and gas filtration and odour removal during soldering.
- Powerful blower, high flow rate.
- Filter condition monitoring.
- Quiet – lowest noise level on the market – less than 55 dB.
- With light and stepless adjustment.

### ZeroSmog Guard Kit1 ALFA 120V

Item No.: FT91025299

Single User Fume Extraction Unit Kit, 60 W, 120 V



- Highest level filtration – for cleaner and healthier air.
- High efficiency particle and gas filtration and odour removal during soldering.
- Powerful blower, high flow rate.
- Filter condition monitoring.
- Quiet – lowest noise level on the market – less than 55 dB.
- With light and stepless adjustment.

### Zero Smog 4V Kit 2 Funnel 120 V

Item No.: T0053664299N

Fume Extraction Unit, Kit with 2 Funnels



- Small central fume extraction system for 1–4 workstations, easy to install and operate.
- The kit is supplied complete with 2 pieces: flexible hose, flex arm, funnel, valve and bracket.
- A powerful, maintenance-free turbine provides continuous fume extraction at a maximum air extraction rate of 230 m<sup>3</sup>/h.

### 6-Pin WX Connection Cable

Item No.: T0058764710

Communication cable, 2 m, between soldering station WT, WX, WXsmart, WXR3, ZeroSmog Guard, ZeroSmog Guard 2 and ZeroSmog Shield Pro



- Automatic standby and to increase filter lifetime.

**PRODUCTION WORKBENCH**

**FUME EXTRACTION**

**HEALTH PROTECTION**

# Feel the difference with Weller Erem – the proven choice. Every time.

We offer a comprehensive range of precision tools for professional use. Weller Erem provides cutters, incl. side and tip cutters, stripping, forming and bending pliers, crafted from special tool steel and hardened for exceptional durability and precision. Weller Xcelite delivers screwdrivers, pliers, cutters, designed for accuracy and ensuring reliable performance.



## Overview and key features



### Erem Cutters 632N

Item No.: 632N

4-1/4" ESD Safe, Super Full-Flush Oval Head Side Cutters, Series 600

- Miniature precision cutters.



### Erem Cutters 522N

Item No.: 522N

4-1/2" ESD Safe, Flush Oval Head Side Cutters, Series 500

- Medium sized precision cutters.



### Erem Cutters 886E

Item No.: 886E

4-3/4" ESD Safe, Flush Tapered Head Side Cutters, Series 800

- Maxi sized precision cutters.



### Erem Pliers 2411P

Item No.: 2411P

6" Smooth Rounded Jaw Needle Nose Pliers

- For miniature and standard electronics.



### Xcelite Pliers LN54VN

Item No.: LN54VN

5" ESD Safe Serrated Jaws Thin Long Needle Nose Pliers

- For pick-up and wire-forming.
- For general purpose use.

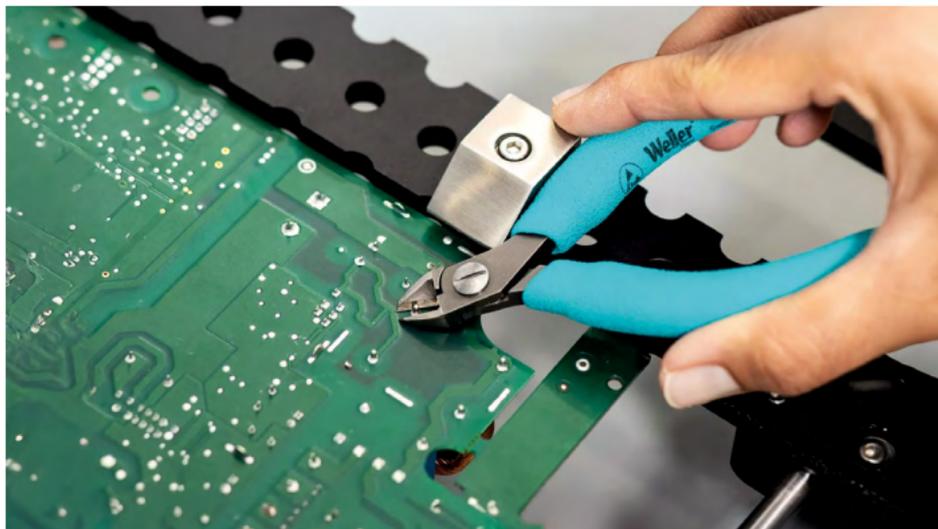


### Xcelite Cutters 170MVN

Item No.: 170MVN

General Purpose Shear Cutters

- Precision-engineered for electronics assembly.



**PRODUCTION WORKBENCH**

**CUTTERS & PLIERS**

**PRECISION TOOLS**

# Feel the difference with Weller Erem – the proven choice. Every time.

Weller Erem Tweezers are manufactured with uncompromising Swiss quality and created for worldwide applications – built to last. Weller Erem offers a wide range of precision tweezers, combining precision-manufactured, symmetrical tips with perfect balance.

## Overview and key features



### Erem Tweezers 15AGW

Item No.: 15AGW  
4-1/2" Narrow Oblique Head Cutting Tweezers for Soft Wires

- For cutting fine, soft wires and small components.



### Erem Tweezers 5SA

Item No.: 5SA  
4-1/4" Straight Very Pointed Tip Precision Tweezers for Very Fine Wires

- For precision work e.g. under a microscope.



### Erem Tweezers 258SA

Item No.: 258SA  
4-3/4" Pointed Synthetic Tip Precision Tweezers for Secure Handling

- For precision work e.g. under a microscope.



### Erem Tweezers 102ACAX

Item No.: 102ACAX  
4-1/2" 45° Angled Pointed Tip SMD Tweezers with Reverse Clamping Action

- For perfect handling of chips and miniature components.



### Erem Tweezers OODSA

Item No.: OODSA  
4-3/4" Straight Pointed Tip Inside Serrated Pointed Tip Precision Tweezers

- Suitable for delicate standard applications, precision work and small components or wires.



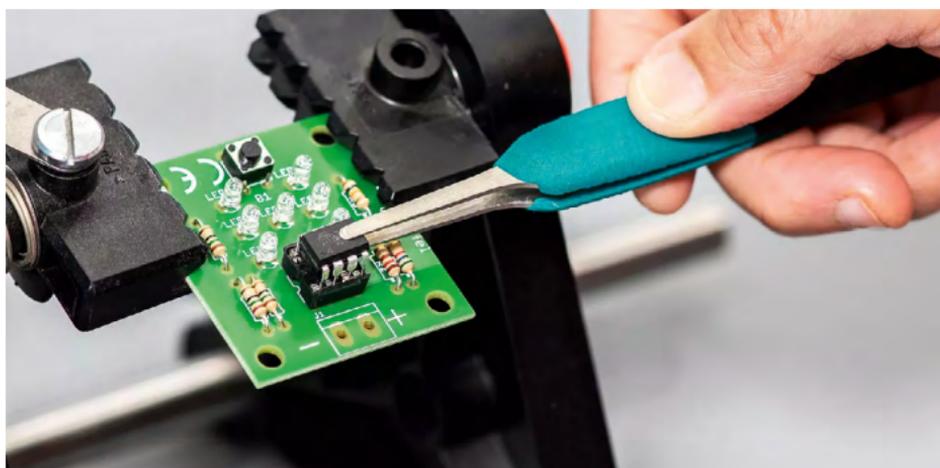
ESD-Safe



### Erem Tweezers E7SA

Item No.: E7SA  
4-3/4" ESD Safe Curved Strong Tip Ergonomic Precision Tweezers

- For working in confined spaces.



**PRODUCTION WORKBENCH**

**TWEEZERS**

PRECISION TOOLS

# Discover your perfect soldering accessories

Complete your workbench with the Weller Eco System:  
No matter if accessories, wire or tip cleaner – Weller is your one-stop-shop for the professional soldering workbench.



ESD-Safe

## Overview



### WCU Weller Control Unit

Item No.: T0053450199  
High-Precision Temperature Measurement Device

- For quick and accurate temperature measurements and auto calibration.



### WATC100M Automatic Tip Cleaner

Item No.: WATC100M

- Powerful cleaner for tips and tweezers with metal brushes. Fibre brushes also available.
- Cleans in a second without spilling any debris on your workbench.



### WXS200 Soldering Bath

Item No.: T0052704399N  
Soldering Bath, 200 W / 24 V

- For tin coating and preparation of electronics components and leads.



### WSB80 Soldering Bath

Item No.: T0052704099N  
Soldering Bath, 80 W / 24 V

- For tin coating and preparation of electronics components and leads.



### ESD Mat Set blue, 900 x 600 mm

Item No.: T0051403699, antistatic ESD premium work station soldering mat with antistatic grounding wrist strap

- Double layer, antireflective surface, chemical- and oil-resistant.
- Heat- and solder resistant.



### SD 1000 Solder Dispenser

Item No.: T0051301799N

- For use of coils up to 1000 g.
- For perfect stability thanks to the heavy base plate.



### WSW Solder Wire – diverse variants

- With guaranteed 100 % continuous flux core, combined with pure first metal melting.



### Tip-Activator

Item No.: T0051303199N

- For regeneration of oxidized tips.



### Xcelite Screwdriver Set

Item No.: XP600  
6 Piece ESD Safe slotted Phillips blade screwdriver set

- Includes storage case.

## PRODUCTION WORKBENCH

# #PowerfulTogether: Weller High-end Soldering Stations in combination with WXair

No matter what soldering application in R&D you need to solve, Weller provides the perfect solution at every step: with the WXsmart, the WX2N, and the WXair Rework Module you gain access to a complete, future-ready ecosystem of state-of-the-art soldering equipment.



ESD-Safe

## Overview and key features



### WXsmart 120V

Item No.: T0053451299  
2-Channel Power Unit, 300 W



- The all-in-one soldering station for every soldering task and challenge: The first hand soldering station that provides maximum connectivity, with all interfaces embedded (ex: factory), with no need for any additional hardware costs.
- Full traceability of soldering process.
- Managing your complete soldering process, from tip to station, has never been easier and more productive with the first all-in-one WXsmart hand soldering platform.
- With Total Process Control (TPC).



### WX2N 120V

Item No.: WX2N  
2-Channel Power Unit, 200 W (255 W)

- Robust touch screen with ESD safe glass.
- Blue LED backlighting and multilingual menu navigation.
- Optimized precision, better stability by sensor in the soldering iron.
- Specific parameterization of tool by storage medium in hand piece.
- Visual process control via blue LED ring light.



### WXair (US / MX / J)

Item No.: T0053452299  
2-Channel-Rework-Module, 70 W

**The Weller WXair is an optimized, self-contained 2-in-1 rework-module with 2 channels: vacuum and air.**

- In combination with the WXsmart or WX2N soldering station, WXair transforms into an all-in-one rework solution.



### WXR3 120V

Item No.: WXR3N  
3-Channel Power Unit, 420 W (600 W)

**3 channels for all rework applications.**

- Automatic tool recognition and power management.
- Compatible with all soldering WX tools.
- Compatible to WXDP120 and WXHAP200 (see also Tools & Tips R&D high-end range).

**R&D WORKBENCH**

**SOLDERING STATIONS**

**HIGH END**

# Find your right Soldering Tools & Tips for our WXsmart and WX2 Soldering Stations

In R&D, precision and reliability are key. Soldering tools and tips must respond instantly, delivering ultra-fast heat-up times and combining ergonomic handling with maximum accuracy, according to military standard.



## Overview and key features



### **WXMPMS MS Set** Item No.: T0052923899

Soldering Iron Set, 40 W / 12 V, soldering tip families RTPS MS and RTMS MS



- Unique 2-in-1 soldering tool with 40 W that is compatible to all nano/pico and micro soldering applications.
- Extremely fast 3-second heat-up time.



### **WXMTS Set** Item No.: T0051321299

Micro Desoldering Tweezers, 2 x 40 W / 12 V, desoldering tips families RTWMS and RTWPS



- Extremely short heat-up time: 5 sec.
- Supports both: Smart Nano/Pico and Smart Micro Tweezers.
- Precise positioning with unique parallel sliding block guide.
- No alignment necessary after tip change with pairwise pre-adjusted design.



### **WXPP MS Set**

Item No.: T0052923299

Soldering Iron Set, 40 W / 12 V, soldering tip family RTP MS

- For soldering tasks under the microscope (components from XS to S – 0402 – 01005).



### **WXMP MS Set**

Item No.: T0052923499

Intelligent Micro Soldering Iron, 40 W / 12 V, soldering tip family RTM MS

- For standard and micro applications, (component size from M to L – 0504 – 1608).



### **WXMT MS Set**

Item No.: T0051320899

Soldering Iron Set, 2 x 40 W / 12 V, desoldering tips family RTW MS

- Extremely short heat-up time: 5 sec.



### **WXDP120 Set**

Item No.: T0051320299N

High Power Desoldering Iron Set, 120 W / 24 V, desoldering nozzles XDS and XDSL

- Heat up time 35 sec. only.
- Set-back function.
- With eccentric fixture.



### **WXHAP200 Set**

Item No.: T0052712099N

Hot Air Soldering Iron Set, 200 W / 24 V, hot air nozzles F / R / D / Q

- Temperature range 50 °C to 550 °C.
- Hot Air flow ionic free.

# Choose simplicity in Handsoldering: The WT PerformanceLine

This range of soldering stations covers most soldering tasks with the best value for money. Discover the WT PerformanceLine and benefit from unrivalled productivity with extremely fast heat-up times, maximum versatility and exceptional cost-effectiveness.



## Overview and key features



### WT1M 120V

Item No.: WT1M  
1-Channel Power Unit, 95 W / 120 V



**The WT1M Soldering Station is a true workhorse boosting your workspace productivity. 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.**

- One channel, different tools that fit.
- Fast heat up and recovery time – 3 seconds heat-up time with Weller's RT tips with active heat technology.
- Connect up to 12 different soldering tools to one WT1M soldering station.
- Reduced footprint thanks to stackability.



### WT2M 120V

Item No.: WT2M  
2-Channel Soldering Station, 150 W / 120 V



**Weller WT2M Soldering Stations – high flexibility for versatile applications.**

- Serving two users at once (with intelligent power sharing).
- High productivity, high performance and functionality.
- Compatible with Weller's microsoldering cartridge tip tools, plus many existing passive tip tools.
- Reduced footprint thanks to stackability.



### WTHA1 120V

Item No.: WTHA1SR  
Hot Air Station, 900 W / 120 V,  
Different Hot Air Nozzles (TNR) available

**Weller WTHA1 Hot Air Station for simple repair and heating tasks.**

- Accurate adjustment of hot air through brushless turbine.
- Up to 5 pre-sets which can be automatically run in a profile.
- OFF time, process window, lock function, offset.
- Temperature range: 50 – 600°C.

# Find your right Soldering Tools & Tips for our WT1M / WT2M / WTHA1 Soldering Stations

WT PerformanceLine tools & tips: You've got the choice – no matter if micro, nano or even pico application, the Weller WT PerformanceLine Sets provide the ideal combination of soldering irons, safety rests and tips/tweezers to achieve the perfect soldering results in the mid-range segment, which meet the military standard, further tip sizes available!



ESD-Safe

## Overview and key features



### WTMP MS Set

Item No.: T0052924199  
Micro Soldering Iron WTMP MS, 40 W / 12 V, soldering tip family RTM MS

- Fine slim soldering iron handle for micro soldering applications.
- Reduce downtimes.
- Safety Rest with Stop & Go Function.

### Includes RTM 013 S MS

Item No.: T0054461699N  
RT Micro Soldering Tip, chisel  $\varnothing 1.3 \times 0.4$  mm, MIL-SPEC

- High performance active tip, MIL-SPEC for micro & standard components covering the wide range of applications.
- Covering the widest range of applications.



### WTMT Set

Item No.: T0051321499  
Micro Soldering and Desoldering Set, 80 W / 12 V, desoldering tips family RTWMS and RTWPS

- Extremely short heat-up time: 5 sec.
- Supports pico & micro tweezers for usage under the microscope.
- Maximum precision during the soldering process with short tip-to-grip distance and optimized tip design.
- Easy exchange of desoldering tips without extra tool or further adjustment.

### Includes RTW MS 030 K

Item No.: T0050116099



### WTPP MS Set

Item No.: T0052924299  
Nano/Pico Soldering Iron WTPP MS, 40 W / 12 V, soldering tip family RTP MS

- Fine slim soldering iron handle for nano/pico soldering applications.
- Reduce downtimes.

### Includes RTP 004 S MS

Item No.: T0050102399  
RT Nano/Pico Tip, chisel  $\varnothing 0.4 \times 0.2$  mm, MIL-SPEC

- High performance Soldering tips RT Pico MIL-SPEC for smallest micro components: 0402 down to 01005.
- Made of the smallest precision soldering applications.

# Clean air is a worker's right: ZeroSmog Fume Extraction Units



Protect  
your  
health



**Breathe easier in a clean environment:  
With ZeroSmog Shield Pro – an affordable  
benchtop add-on that provides for efficient  
health protection during intermediate  
handsoldering. Choose the ZeroSmog Guard  
Under-Bench Fume Extraction Units to work  
in a cleaner, healthier and more comfortable  
workspace – all day long.**



ESD-Safe

## Overview and key features



### ZeroSmog Shield Pro

Item No.: FT91019299  
Benchtop Fume Extraction Unit,  
20 W / 110-240 V

- Efficient particle and gas filtration, odour removal for single workbench.
- Powerful blower with adjustable extraction power.
- Stackable with soldering stations of all brands (max. footprint 13 x 18 cm).



### ZeroSmog Guard Kit1 ALFA 120V

Item No.: FT91024299  
Single User Fume Extraction Unit,  
60 W / 120 V

- Highest level filtration – for cleaner and healthier air.
- High efficiency particle and gas filtration.
- Odour removal during soldering.



### ZeroSmog Guard Kit1 ALFA 120V

Item No.: FT91025299  
Single User Fume Extraction Unit,  
60 W / 120 V

- Highest level filtration – for cleaner and healthier air.
- High efficiency particle and gas filtration.
- Odour removal during soldering.
- Filter condition monitoring.
- With light and stepless adjustment.



### 6-Pin WX Connection Cable

Item No.: T0058764710  
Communication Cable, 2 m, between soldering station WT, WX, WXsmart, WXR3, ZeroSmog Guard, ZeroSmog Guard 2 and ZeroSmog Shield Pro

- Automatic standby and to increase filter lifetime.

**R&D WORKBENCH**

**FUME EXTRACTION**

**HEALTH PROTECTION**

# Feel the difference with Weller Erem – the proven choice. Every time.

We offer a comprehensive range of precision tools for professional use. Weller Erem provides cutters, incl. side and tip cutters, stripping, forming and bending pliers, crafted from special tool steel and hardened for exceptional durability and precision. Weller Xcelite delivers screwdrivers, pliers, cutters, designed for accuracy and ensuring reliable performance.



## Overview and key features



### Erem Cutters 632N

Item No.: 632N

4-1/4" ESD Safe, Super Full-Flush Oval Head Side Cutters, Series 600

- Miniature precision cutters.



### Erem Cutters 522N

Item No.: 522N

4-1/2" ESD Safe, Flush Oval Head Side Cutters, Series 500

- Medium sized precision cutters.



### Erem Cutters 886E

Item No.: 886E

4-3/4" ESD Safe, Flush Tapered Head Side Cutters, Series 800

- Maxi sized precision cutters.



### Erem Pliers 2411P

Item No.: 2411P

6" Smooth Rounded Jaw Needle Nose Pliers

- For miniature and standard electronics.



### Xcelite Pliers LN54VN

Item No.: LN54VN

5" ESD Safe Serrated Jaws Thin Long Needle Nose Pliers

- For pick-up and wire-forming.
- For general purpose use.

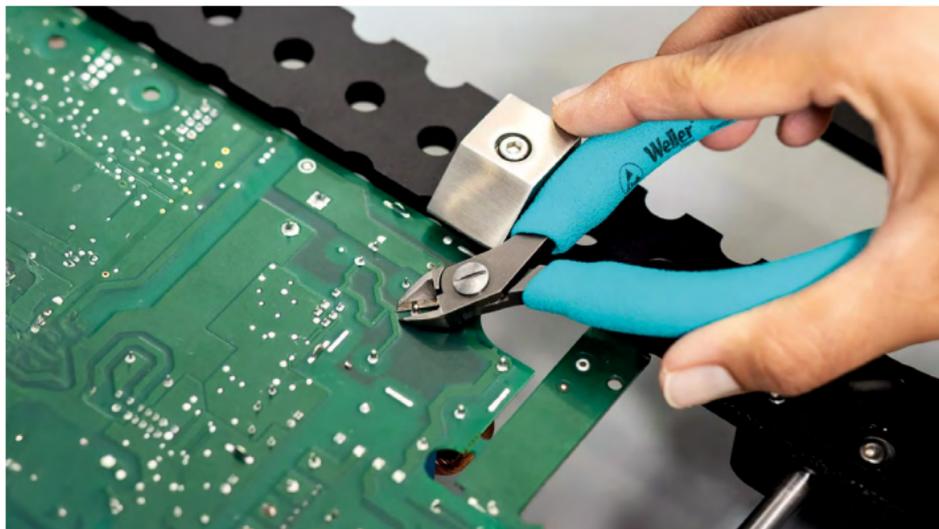


### Xcelite Cutters 170MVN

Item No.: 170MVN

General Purpose Shear Cutters

- Precision-engineered for electronics assembly.



**R&D WORKBENCH**

**CUTTERS & PLIERS**

**PRECISION TOOLS**

# Feel the difference with Weller Erem – the proven choice. Every time.

Weller Erem tweezers are manufactured with uncompromising Swiss quality and created for worldwide applications – built to last. Weller Erem offers a wide range of precision tweezers, combining precision-manufactured, symmetrical tips with perfect balance.

## Overview and key features



### Erem Tweezers 15AGW

Item No.: 15AGW  
4-1/2" Narrow Oblique Head Cutting Tweezers for Soft Wires

- For cutting fine, soft wires and small components.



### Erem Tweezers 5SA

Item No.: 5SA  
4-1/4" Straight Very Pointed Tip Precision Tweezers for Very Fine Wires

- For precision work e.g. under a microscope.



### Erem Tweezers 258SA

Item No.: 258SA  
4-3/4" Pointed Synthetic Tip Precision Tweezers for Secure Handling

- For precision work e.g. under a microscope.



### Erem Tweezers 102ACAX

Item No.: 102ACAX  
4-1/2" 45° Angled Pointed Tip SMD Tweezers with Reverse Clamping Action

- For perfect handling of chips and miniature components.



### Erem Tweezers OODSA

Item No.: OODSA  
4-3/4" Straight Pointed Tip Inside Serrated Pointed Tip Precision Tweezers

- Suitable for delicate standard applications, precision work and small components or wires.



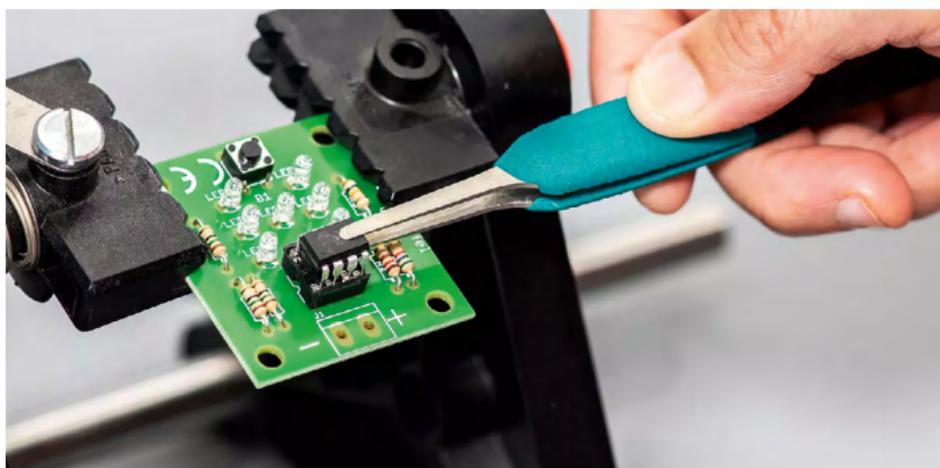
ESD-Safe



### Erem Tweezers E7SA

Item No.: E7SA  
4-3/4" ESD Safe Curved Strong Tip Ergonomic Precision Tweezers

- For working in confined spaces.



**R&D WORKBENCH**

**TWEEZERS**

PRECISION TOOLS

# Discover your perfect soldering accessories

Complete your workbench with the Weller Eco System:  
No matter if accessories, wire or tip cleaner – Weller is your one-stop-shop for the professional soldering workbench.



ESD-Safe

## Overview



### ESD Mat Set blue, 900 x 600 mm

Item No.: T0051403699, antistatic ESD premium work station soldering mat with antistatic grounding wrist strap

- Double layer, antireflective surface, chemical- and oil-resistant.
- Heat- and solder resistant.



### WATC100M Automatic Tip Cleaner

Item No.: WATC100M

- Powerful cleaner for tips and tweezers with metal brushes. Fibre brushes also available.
- Cleans in a second without spilling any debris on your workbench.



### SD 1000 Solder Dispenser

Item No.: T0051301799N

- For use of coils up to 1000 g.
- For perfect stability thanks to the heavy base plate.



### WSW Solder Wire – diverse variants

- With guaranteed 100 % continuous flux core, combined with pure first metal melting.



### Tip-Activator

Item No.: T0051303199N

- For regeneration of oxidized tips.



### WHP3000N

Item No.: WHP3000N  
Infrared Preheating Plate, 600 W / 120 V

- With Easy Fix board holder.
- Ensures even heat distribution across the circuit board to prevent deformation.
- Precise, temperature-controlled operation via external type K thermocouple.



### 7874B Manual Desoldering Pump

Item No.: 7874B  
Manual desoldering dump with aluminum body, ESD-Safe

- Facilitates accurate printed circuit repair and cleaning.



### Xcelite Screwdriver Set

Item No.: XP600  
6 Piece ESD Safe slotted Phillips blade screwdriver set

- Includes storage case.



### Xcelite Knife XN100

Item No.: XN100  
5-13/16" Light-Duty Precision Knife

- Designed for light-duty cutting on paper, soft and light weight materials or wood.

**R&D WORKBENCH**

**ACCESSORIES**

COMPLETE THE BENCH

# Experience Rework in perfection: WXsmart, WX and Wxair, WXHotAir

In electronics rework, precision and reliability are essential. By uniting performance and control, with soldering, desoldering and hot air in one range, Weller stations deliver flexibility and top performance – from intelligent connectivity with WXsmart to efficient hot air operation with Wxair and the versatile all-in-one capabilities of WXR3.



## Overview and key features



### WXsmart 120V

Item No.: T0053451299  
2-Channel Power Unit, 300 W



- The all-in-one soldering station for every soldering task and challenge: The first hand soldering station that provides maximum connectivity, with all interfaces embedded (ex: factory), with no need for any additional hardware costs.
- Full traceability of soldering process.
- Managing your complete soldering process, from tip to station, has never been easier and more productive with the first all-in-one WXsmart hand soldering platform.
- With Total Process Control (TPC).



### WXair (US / MX / J)

Item No.: T0053452299  
2-Channel-Rework-Module, 70 W

**The Weller WXair is an optimized, self-contained 2-in-1 rework-module with 2 channels: vacuum and air.**

- In combination with the WXsmart or WX2N soldering station, WXair transforms into an all-in-one rework solution.



### WXR3 120V

Item No.: WXR3N  
3-Channel Power Unit, 420 W (600 W)

**3 channels for all rework applications.**

- Automatic tool recognition and power management.
- Compatible with all soldering WX tools.
- Compatible to WXDP120 and WXHAP200 (see also Tools & Tips R&D high-end range).

**REWORK WORKBENCH**

**SOLDERING STATIONS**

**HIGH END**

# Find the perfect Soldering Tools & Tips for your rework applications

Discover our high-end soldering sets for rework.



## Overview and key features



### **WXMP MS Set** Item No.: T0052923899

Soldering Iron Set, 40 W / 12 V, soldering tip families RTPS MS and RTMS MS



- Unique 2-in-1 soldering tool with 40 W that is compatible to all nano/pico and micro soldering applications.
- Extremely fast 3-second heat-up time.



### **WXMTS Set** Item No.: T0051321299

Micro Desoldering Tweezers, 2 x 40 W / 12 V, desoldering tips family RTWMS and RTWPS



- Extremely short heat-up time: 5 sec.
- Supports both: Smart Nano/Pico and Smart Micro Tweezers.



### **WXUPS MS Set** Item No.: T0052923799

Heavy-Duty Soldering Iron Kit, 150 W / 24 V, soldering tip family RTUS MS



- For high-performance soldering applications.
- Delivering heat through the joint, even providing more precise soldered multilayer boards.



### **WXUTS Set** Item No.: T0051321399

Ultra Desoldering Tweezers, 150 W / 24 V, desoldering tips family RTWUS



- High performance, heat-up time 10 sec.
- Supports heavy duty desoldering applications.



### **WXPP MS Set**

Item No.: T0052923299

Soldering Iron Set, 40 W / 12 V, soldering tip family RTP MS

- For soldering tasks under the microscope (components from XS to S – 0402 – 01005).



### **WXMP MS Set**

Item No.: T0052923499

Intelligent Micro Soldering Iron, 40 W / 12 V, soldering tip family RTM MS

- For standard and micro applications, (component size from M to L – 0504 – 1608).



### **WXMT MS Set**

Item No.: T0051320899

Soldering Iron Set, 2 x 40 W / 12 V, desoldering tips family RTW MS

- Extremely short heat-up time: 5 sec.

**REWORK WORKBENCH**

**TOOLS & TIPS**

**HIGH END**

# Count on power, control and consistency in electronics rework: Weller Soldering Stations

By combining performance, efficiency and flexibility, Weller's rework stations build a solid foundation for reliable outcomes in every process step. WT2M delivers flexible dual-channel power, WR3M unites soldering, desoldering and hot air in one versatile all-in-one unit, and WTHA1 provides powerful and precise hot air control.



## Overview and key features



### WT2M 120V

Item No.: WT2M  
2-Channel Soldering Station,  
150 W / 120 V

**Weller WT2M soldering stations – high flexibility for versatile applications.**

- Serving two users at once (with intelligent power sharing).
- High productivity, high performance and functionality.
- Compatible with Weller's microsoldering cartridge tip tools, plus many existing passive tip tools.
- Reduced footprint thanks to stackability.



### WR3M 120V

Item No.: WR3MN  
3-Channel Rework Station,  
360 W (400 W) / 120 V

**Weller high-power Rework Station with temperature control of all 3 independent tool channels.**

- Simultaneous operation of hot air and desoldering.
- Own vacuum channel for pick-up.



### WTHA1 120V

Item No.: WTHA1SR  
Hot Air Station 900 W / 120 V,  
Different Hot Air Nozzles (TNR) available

**Weller WTHA1 Hot air station for simple repair and heating tasks.**

- Accurate adjustment of hot air through brushless turbine.
- Up to 5 pre-sets which can be automatically run in a profile.
- OFF time, process window, lock function, offset.
- Temperature range: 50 – 600°C.

# Find your right Rework Tools & Tips for our WT2M, WR3M and WTHA1 Stations

WT PerformanceLine rework tools & tips: you've got the choice – whether for micro or nano/pico applications, Weller WT sets provide the right rework irons, tweezers and safety rests to achieve precise, efficient and repeatable results in the mid-range segment.

## Overview and key features



### WTPM MS Set

Item No.: T0052924199

Micro Soldering Iron WTPM MS 40 W, 12 V, soldering tip family RTM MS

- Fine slim soldering iron handle for micro soldering applications.
- RT Active Tip Technology.
- Safety Rest with Stop & Go Function.



### WTMT MS Set

Item No.: T0051321499

Micro Soldering and Desoldering Set, 80 W / 12 V, desoldering tips family RTWMS and RTWPS

- Extremely short heat-up time: 5 sec.
- Supports pico & micro tweezers for usage under the microscope.
- Maximum precision during the soldering process with short tip-to-grip distance.



### WTPP MS Set

Item No.: T0052924299

Nano/Pico Soldering Iron WTPP MS, 40 W / 12 V, soldering tip family RTP MS

- Fine slim soldering iron handle for nano/pico soldering applications.
- Reduce downtimes.



### HAP200 Set

Item No.: T0052711799N

Hot Air Iron Set, 200 W / 24 V, hot air nozzles F / R / D / Q

- Temperature range from 50 °C – 550 °C.
- Activated by finger switch.



### DSX80 Set

Item No.: T0051318399N

High Power Desoldering Iron Set, 80 W / 24 V, desoldering nozzles DX

- For electronic rework.
- With eccentric fixture.
- Micro finger switch controls quick start, fast action vacuum pump.

# Clean air is a worker's right: ZeroSmog Fume Extraction Units



Protect  
your  
health



**Breathe easier in a clean environment:**  
Choose the ZeroSmog Guard Under-Bench Fume Extraction Units to work in a cleaner, healthier and more comfortable workspace – all day long. With ZeroSmog Shield Pro – an affordable benchtop add-on that provides for efficient health protection during intermediate handsoldering.



ESD-Safe

## Overview and key features



### ZeroSmog Guard Kit1 ALFA 120V

Item No.: FT91025299  
Single User Fume Extraction Unit,  
60 W / 120 V

- Highest level filtration – for cleaner and healthier air.
- High efficiency particle and gas filtration.
- Odour removal during soldering.
- Filter condition monitoring.
- With light and stepless adjustment.



### ZeroSmog Guard Light Kit1 ALFA 120V

Item No.: FT91024299  
Single User Fume Extraction Unit,  
60 W / 120 V

- Highest level filtration – for cleaner and healthier air.
- High efficiency particle and gas filtration.
- Odour removal during soldering.



### ZeroSmog Shield Pro

Item No.: FT91019299  
Benchtop Fume Extraction Unit,  
20 W / 110-240 V

- Efficient particle and gas filtration, odour removal for single workbench.
- Powerful blower with adjustable extraction power.
- Stackable with soldering stations of all brands (max. footprint 13 x 18 cm).



### 6-Pin WX Connection Cable

Item No.: T0058764710  
Communication Cable, 2 m, between soldering station WT, WX, WXsmart, WXR3, ZeroSmog Guard, ZeroSmog Guard 2 and ZeroSmog Shield Pro

- Automatic standby and to increase filter lifetime.

**REWORK WORKBENCH**

**FUME EXTRACTION**

**HEALTH PROTECTION**

# Feel the difference with Weller Erem – the proven choice. Every time.

We offer a comprehensive range of precision tools for professional use. Weller Erem provides cutters, incl. side and tip cutters, stripping, forming and bending pliers, crafted from special tool steel and hardened for exceptional durability and precision. Weller Xcelite delivers screwdrivers, pliers, cutters, designed for accuracy and ensuring reliable performance.



## Overview and key features



### Erem Cutters 632N

Item No.: 632N

4-1/4" ESD Safe, Super Full-Flush Oval Head Side Cutters, Series 600

- Miniature precision cutters.



### Erem Cutters 522N

Item No.: 522N

4-1/2" ESD Safe, Flush Oval Head Side Cutters, Series 500

- Medium sized precision cutters.



### Erem Cutters 886E

Item No.: 886E

4-3/4" ESD Safe, Flush Tapered Head Side Cutters, Series 800

- Maxi sized precision cutters.



### Erem Pliers 2411P

Item No.: 2411P

6" Smooth Rounded Jaw Needle Nose Pliers

- For miniature and standard electronics.



### Xcelite Pliers LN54VN

Item No.: LN54VN

5" ESD Safe Serrated Jaws Thin Long Needle Nose Pliers

- For pick-up and wire-forming.
- For general purpose use.

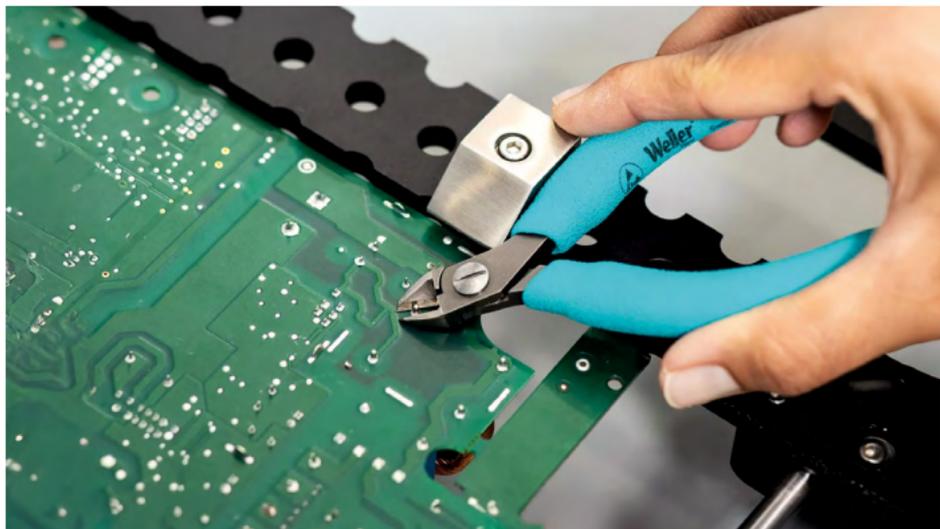


### Xcelite Cutters 170MVN

Item No.: 170MVN

General Purpose Shear Cutters

- Precision-engineered for electronics assembly.



**REWORK WORKBENCH**

**CUTTERS & PLIERS**

**PRECISION TOOLS**

# Feel the difference with Weller Erem – the proven choice. Every time.

Weller Erem tweezers are manufactured with uncompromising Swiss quality and created for worldwide applications – built to last. Weller Erem offers a wide range of precision tweezers, combining precision-manufactured, symmetrical tips with perfect balance.

## Overview and key features



### Erem Tweezers 15AGW

Item No.: 15AGW  
4-1/2" Narrow Oblique Head Cutting Tweezers for Soft Wires

- For cutting fine, soft wires and small components.



### Erem Tweezers 5SA

Item No.: 5SA  
4-1/4" Straight Very Pointed Tip Precision Tweezers for Very Fine Wires

- For precision work e.g. under a microscope.



### Erem Tweezers 258SA

Item No.: 258SA  
4-3/4" Pointed Synthetic Tip Precision Tweezers for Secure Handling

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### Erem Tweezers 102ACAX

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4-1/2" 45° Angled Pointed Tip SMD Tweezers with Reverse Clamping Action

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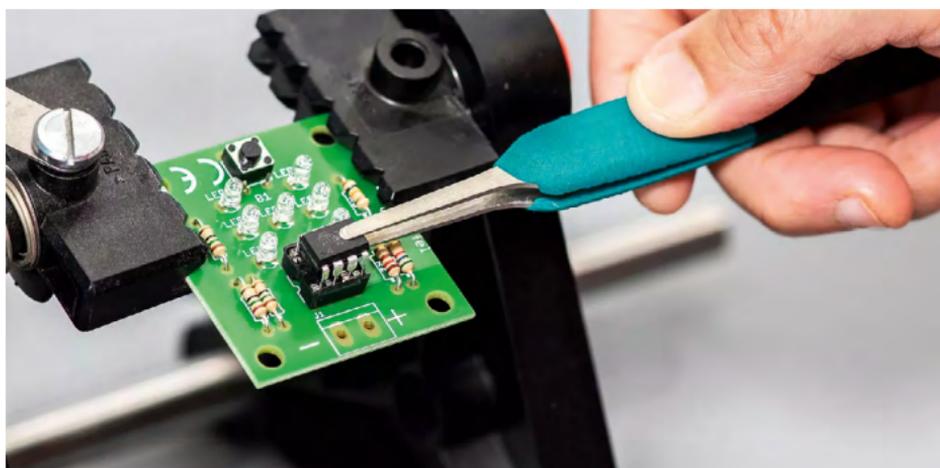
ESD-Safe



### Erem Tweezers E7SA

Item No.: E7SA  
4-3/4" ESD Safe Curved Strong Tip Ergonomic Precision Tweezers

- For working in confined spaces.



**REWORK WORKBENCH**

**TWEEZERS**

PRECISION TOOLS

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No matter if accessories, wire or tip cleaner – Weller is your one-stop-shop for the professional soldering workbench.



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Item No.: T0051403699

Antistatic ESD premium work station soldering mat with antistatic grounding wrist strap

- Double layer, antireflective surface, chemical- and oil-resistant.
- Heat- and solder resistant.



### WHP3000N

Item No.: WHP3000N

Infrared Preheating Plate, 600 W / 120 V

- With Easy Fix board holder.
- Ensures even heat distribution across the circuit board to prevent deformation.
- Precise, temperature-controlled operation via external type K thermocouple.



### WBHS PCB Board Holder

Item No.: T0053316599N

PCB Board Holder with stand for WX Hotair, WTHA1, WHA 3000P and WHA 3000V

- For single and double-sided boards.
- Secure hot air tool holder to ensure process reproducibility.



### 7874B Manual Desoldering Pump

Item No.: 7874B

Manual desoldering pump with aluminum body, ESD-Safe

- Facilitates accurate printed circuit repair and cleaning.



### Xcelite Screwdriver Set

Item No.: XP600

6 Piece ESD Safe slotted Phillips blade screwdriver set

- Includes storage case.



### Xcelite Knife XN100

Item No.: XN100

5-13/16" Light-Duty Precision Knife

- Designed for light-duty cutting on paper, soft and light weight materials or wood.

**REWORK WORKBENCH**

ACCESSORIES

COMPLETE THE BENCH



# The Weller Eco-System

completes your soldering workbench

**Soldering Tools & Tips**  
for highest flexibility



**Solder Wire**  
and dispenser



**Accessories**  
Preheating Plate &  
Solder Bath



Best  
soldering  
results



Cost  
optimization

**WATC 100**  
Automatic  
Tip Cleaner



**Weller Soldering Stations**

Optimal health  
protection



**Weller Erem**  
**Weller Xcelite**  
Precision Tools



**ZeroSmog Guard**  
Fume Extraction Units



**ESD Mat**  
For electrostatic  
discharging

## #PowerfulTogether

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