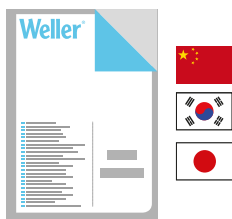


Weller



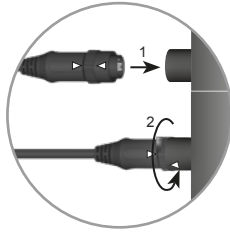
GB Translation of the original instructions

WTMT
WTMP MS
WTPP MS



MANUAL

1



WTMT
T0051321199



WTMT SET
T0051321499

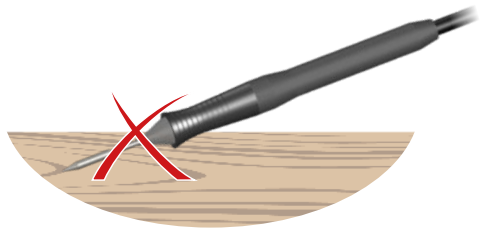
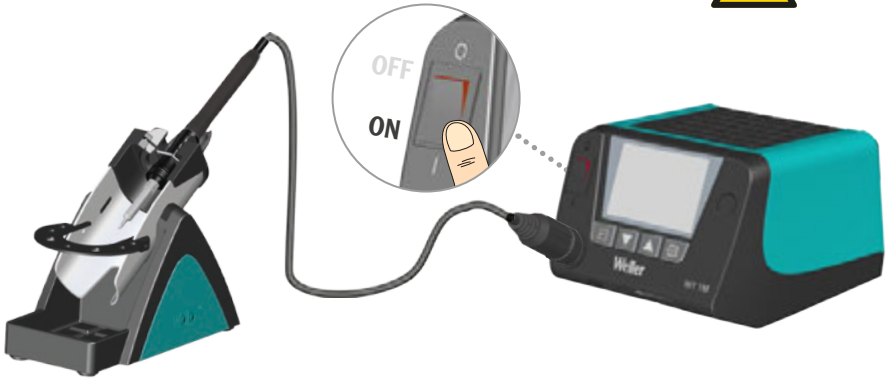


WTPP MS SET
T0052924299



WTMP MS SET
T0052924199

3



T0053450299



WTMT WTMP MS WTPP MS



WTMT
T0051321199



RTWMS
RTWPS

&

+ WSR 211
T0051518599



WTMP MS
T0052923999



RTM MS

+ WSR 205
T0051517999



WTPP MS
T0052924099



RTP MS

+ WSR 205
T0051517999



OFF [power icon] → [power icon]



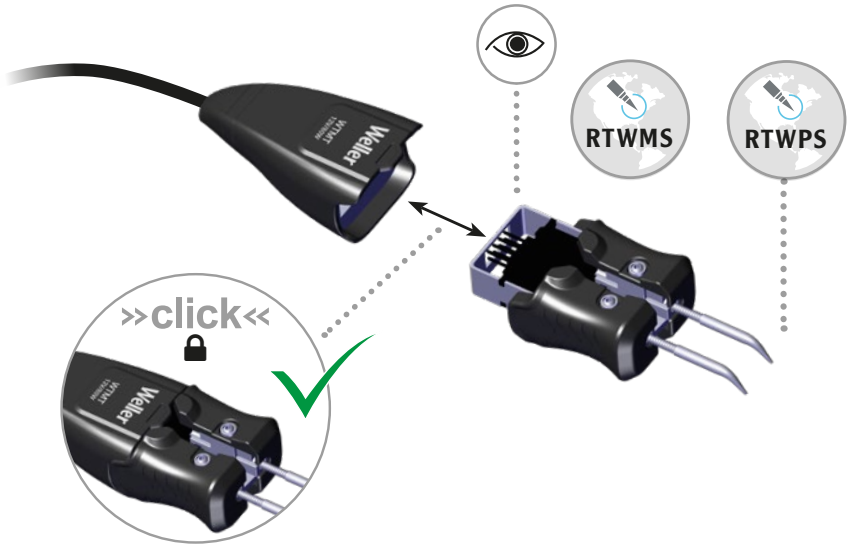
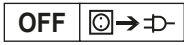
WTPP MS
RTP MS



WTMP MS
RTM MS



WTMT





Read these instructions and the accompanying safety information carefully before starting up the device and starting work with the device.

Failure to observe the safety regulations results in a risk to life and limb.

Keep these instructions in a place that is accessible to all users. Please adhere to the operating instructions of the connected devices.

Please be sure to read and follow the operating instructions for your Weller Supply Unit.

Safety information

This appliance can be used by children aged from 16 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

Keep other persons well away from your workplace.

The work area is out of bounds for children and unauthorized persons. Never allow other persons to touch the soldering tool or cable.



Use only original Weller soldering tips!

▲ WARNING Electrical shock

Protect yourself against electric shocks. The handles on soldering tools with an antistatic design are conductive.

- Avoid touching earthed objects such as pipes, heaters, cookers and refrigerators.
- Do not use the soldering tool in a damp or wet environment.
- Never work on voltage-carrying parts.

▲ WARNING Risk of burns

The soldering tip becomes very hot during soldering work. There is a risk of burns from touching the tips. After the soldering process, the soldering tool and the workpiece holder are still hot.

- Always place the soldering tool in the safety rest while not in use. Make sure the safety holder is stable.
- Do not touch the hot soldering tips and keep them away from inflammable objects.
- Only replace solder tips when cold
- Only replace nozzles when cold

Risk of burning through liquid solder. Protect yourself against solder splashes.

- Wear appropriate protective clothing to protect yourself against burns. Protect your eyes by wearing eye protection.
- When working with adhesives, special attention must be paid to the warning information provided by the adhesive manufacturer.
- Only connect the vacuum and hot air at the designated points.

▲ WARNING Fire hazard

Covering the soldering iron or the safety holder poses a fire hazard.

- Always keep objects well away from the soldering iron and safety holder.
- Keep all combustible objects, liquids or gases well away from the hot soldering tool.
- Do not place or leave the hot soldering or desoldering tip on the worktop or on plastic surfaces.
- Avoid unintentional operation. Disconnect the soldering tool from the power supply while not in use.
- Keep explosive and flammable objects well away from the device.

Store your soldering tool in a safe place. When not in use, units and tools should be stored in a dry, high or locked area out of the reach of children. Make sure that unused soldering tools are free of voltage and de-pressurised.

Do not use the cable for purposes other than those for which it is intended. Never carry the unit by the cable. Do not use the cable to pull the plug out of the socket. Protect the cable against heat, oil and sharp edges.

Be alert. Pay attention to what you are doing. Be smart when using the unit. Do not use the soldering tool if you are having difficulty concentrating.

Avoid abnormal posture. Arrange your work station in an ergonomically correct way. Avoid bad posture when using the unit, as this can lead to postural problems.

The soldering tool must be operated only in perfect technical working order. Safety devices must not be deactivated.

Faults and defects must be repaired immediately.

Before using the unit / tool, safety devices must be carefully checked to make sure that they are functioning properly and in the manner intended. Check that moving parts are functioning properly and are not sticking, and whether parts are damaged. All parts must be correctly fitted and must satisfy all the requirements necessary to guarantee troublefree operation of the unit.

Use the correct tool. Use only accessories or auxiliary devices which are included in the list of accessories or approved for use by the manufacturer. Use WELLER accessories or auxiliary devices on original WELLER equipment only. The use of other tools and other accessories can cause injury.

Secure the tool. Use clamping fixtures to hold the workpiece.

Use a solder fume extraction unit. If appliances for connecting solder fume extraction units are available, ensure that they are connected and used properly.

Check all connected cables and hoses on a regular basis. If power tools are damaged, they must be immediately removed from use.

Do not use blocked nozzles.

Repairs must always be referred to a Weller-trained specialist.



Use original replacement parts only.

▲ WARNING Risk of burns

- Only replace the soldering tips when they are cold.

Soldering iron: The soldering tool must be left switched off in the safety rest for at least 3 minutes until the soldering tip has cooled down.

Specified Conditions Of Use

Use the soldering iron exclusively for the purpose indicated in the Operating Instructions of soldering and desoldering under the conditions specified here.

The soldering iron may only used in combination with Weller Supply Units.

This device may only be used at room temperature and indoors. Protect against moisture and direct sunlight.

Temperature performance

The soldering tool has an internal usage sensor which can be used to set an automatic switch-off function (Stand-by). The settings can be found in the station's operating instructions.

User groups

Due to differing degrees of risk and potential hazards, several work steps may only be performed by trained experts.

Work step	User groups
Default soldering parameters	Specialist personnel with technical training
Replacing electrical replacement parts	Electricians
Default maintenance intervals	Safety expert
Operation Filter change	Non-specialists
Operation Filter change Replacing electrical replacement parts	Technical trainees under the guidance and supervision of a trained expert

Technical Data

Soldering iron	Micro	
	WTMP MS	WTTP MS
Temperature range °C	100 - 450	100 - 450
Temperature range °F	150 - 950	150 - 950
Power consumption	40 W (55 W)	40 W (55 W)
Mains supply voltage	12 V / AC	12 V / AC
Heat-up time <small>(50°C to 350°C) (120°F to 660°F)</small>	5 s	3 s
Safety rest	WSR 205	
Tip type series	RTM MS	RTP MS
Supply unit	WT 1M, WT 2M, WR 3M	

Care and maintenance

▲ WARNING

Before doing any work on the machine, pull the plug out of the socket. Leave the unit to cool down.

Desoldering iron	WTMT
Temperature range °C	100 - 450
Temperature range °F	200 - 850
Power consumption	80 W (2x40 W)
Mains supply voltage	12 V / AC
Heat-up time (50°C to 350°C) (120°F to 660°F)	5 s
Safety rest	WSR 211
Tip type series	RTWMS / RTWPS
Supply unit	WT 1M, WT 2M, WR 3M

Subject to technical alterations and amendments.

Equipotential bonding

The required equipotential bonding to the soldering tip can be established via the supply unit used. The connection options for an equipotential bonding cable are described in the operating instructions for the supply unit.

Symbols



Caution!



Warning! Risk of burns



Read the operating instructions!



ESD-compatible design and ESD-compatible workstation



CE mark of conformity



British Conformity Mark



Desoldering



Soldering



Disposal

Waste light sources have to be removed from equipment. Check with your local authority or retailer for recycling advice and collection point. According to local regulations retailers may have an obligation to take back waste electrical and electronic equipment free of charge. Your contribution to re-use and recycling of waste electrical and electronic equipment helps to reduce the demand of raw materials. Waste electrical and electronic equipment contain valuable, recyclable materials, which can adversely impact the environment and the human health, if not disposed of in an environmentally compatible manner. Delete personal data from waste equipment, if any.

Warranty

Claims by the buyer for physical defects are time-barred after a period of one year from delivery to the buyer. This does not apply to claims by the buyer for indemnification in accordance with §§ 478, 479 BGB (German Federal Law Gazette).

We shall only be liable for claims arising from a warranty furnished by us if the quality or durability warranty has been furnished by use in writing and using the term „Warranty“.

The warranty shall be void if damage is due to improper use and if the device has been tampered with by unauthorized persons.

EN EC declaration of conformity

We hereby declare that the products described herein comply with the following guidelines:

We hereby declare that the products described herein comply with the following guidelines:

2014/35/EU, 2014/30/EU, 2006/42/EG

CE Besigheim, 2024-08-16



Philippe Buidin
Managing director

Bevollmächtigt die technischen Unterlagen zusammenzustellen.
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autorise à réunir les documentations techniques.
Autoriza la recopilación de la documentación técnica.
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SI 2016 No.1101, SI 2016 No.1091, SI 2008 No.1597

Besigheim, 2024-08-16



Philippe Buidin
Managing director

Authorised to compile technical documentation.
For Weller Tools GmbH
Apex Tool Group UK Ltd
Registered in England, Company Number 14127816
Registered Office:
20 Farringdon Street, 8th Floor
London, EC4A 4AB, United Kingdom

Product Registration



Product Type



Serial Number

