

Weller®



CE

WX
compatible



DE Originalbetriebsanleitung
GB Translation of the original instructions
ES Traducción del manual original
FR Traduction de la notice originale
IT Traduzione delle istruzioni originali
PT Tradução do manual original
NL Vertaling van de oorspronkelijke gebruiksaanwijzing
SV Översättning av bruksanvisning i original
DK Oversættelse af den originale brugsanvisning
FI Alkuperäisten ohjeiden käännös
GR Μετάφραση του πρωτοτύπου των οδηγιών χρήσης
TR Orijinal işletme talimatı çevirisi
CZ Překlad původního návodu k používání
PL Tłumaczeniem instrukcji oryginalnej
HU Eredeti használati utasítás fordítása
SK Preklad pôvodného návodu na použitie
SL Prevod izvirnih navodil
EE Algupärase kasutusjuhendi tõlge
LV Instrukciju tulkojumam no oriģinālvalodas
LT Originalios instrukcijos vertimas
BG превод на оригиналната инструкция
RO Traducere a instructiunilor originale
HR Prijevod originalnih uputa
RU Оригинальное руководство по эксплуатации
CN 原装使用说明
KO 오리지널 사용 설명서
JP 取扱説明書

WXPP
WXPP MS
WXMP
WXMP MS
WXUP MS
WXMT
WXMT MS

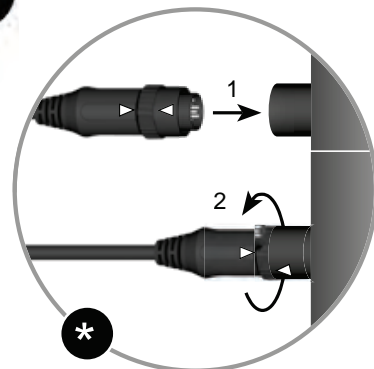
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Firmware Update

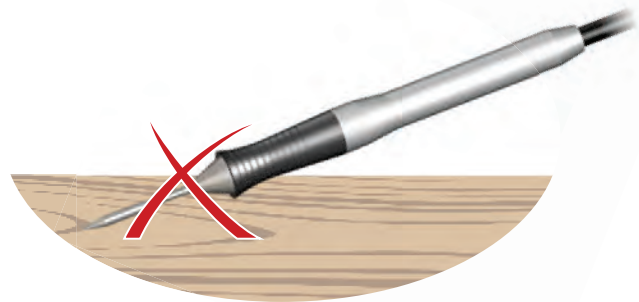
WXPP
WXPP MS
WXUP MS



2



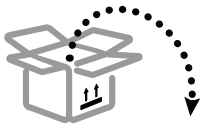
3



WXMP WXMP MS

WXPP WXPP MS

WXUP MS



WXMP / WXMP MS



RTM
RTM ...MS

&

Set

+ **WSR 200** T0051517499N



WXPP / WXPP MS



RTP
RTP ...MS

+ **WSR 208** T0051518299

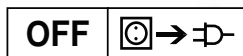
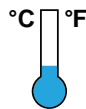


WXUP MS



RTU ...MS

+ **WSR 205** T0051517999



**WXMP
WXMP MS**



RTM

**WXPP
WXPP MS**

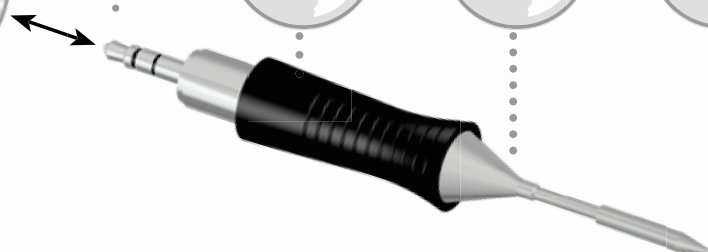


RTP

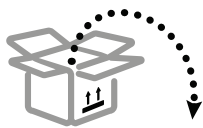
WXUP MS



RTU



WXMT (MS)



WXMT / WXMT MS

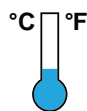




RTW
RTW ...MS

&

Set

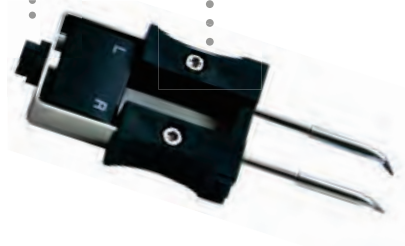
+ **WSR 204** T0051517899



OFF  



RTW





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

For safety reasons, children and youths under the age of 16, as well as persons who are not familiar with these operating instructions, may not use the device. Children should be supervised in order to ensure that they do not play with the tool.

This device is not intended for use by persons (including children) with limited physical, sensory or mental aptitude, or by persons who lack knowledge or experience in handling the device.

Always place the soldering tool in the safety rest while not in use.

Keep other persons well away from your workplace.

The work area is out of bounds for children and unauthorised 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.

- 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

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.

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 be used in combination with Weller Supply Units.

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

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

Care and maintenance

▲ WARNING



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

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.

The soldering tool must be left switched off in the safety rest for at least 3 minutes until the soldering tip has cooled down. The LED status indicator must be at „OFF“.

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.

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 unauthorised persons.

For more information please visit

Symbols



Caution!



Warning! Risk of burns



Read the operating instructions!



ESD-compatible design and ESD-compatible workstation



CE mark of conformity



Disposal

Do not dispose of electric tools together with household waste material! In observance of European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Technical Data

	Micro		Pico		Ultra
Soldering iron	WXMP	WXMP MS	WXPP	WXPP MS	WXUP MS
Temperature range °C	100 - 450	100 - 450	100 - 450	100 - 450	100 - 450
Temperature range °F	200 - 850	200 - 850	200 - 850	200 - 850	200 - 850
Power consumption	40 W (55 W)	40 W (55 W)	40 W	40 W	150 W
Mains supply voltage	12 V / AC	12 V / AC	12 V / AC	12 V / AC	24 V / AC
Heat-up time (50°C to 350°C) (120°F to 660°F)	5 s	5 s	3 s	3 s	7 s
Tip type series	RT RTM	RT MS RTM MS	RTP	RTP MS	RTU MS
Supply unit	WX / WXD / WXA / WXR				
Desoldering tweezers / Desoldering iron	WXMT WXMT (MS)				
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				
Tip type series	RTW / RTW (MS)				
Supply unit	WX / WXD / WXA / WXR				

Subject to technical alterations and amendments.