

Weller®



- 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 Algupärased 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

WTP 90



www.weller-tools.com



MANUAL



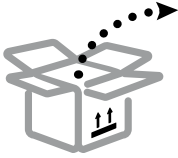
VIDEO



FAQ

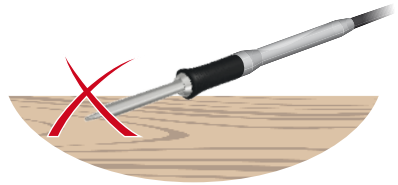
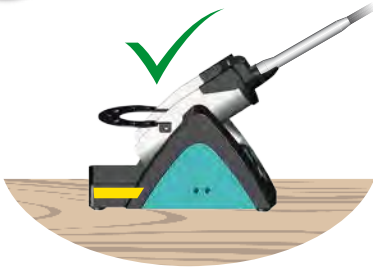


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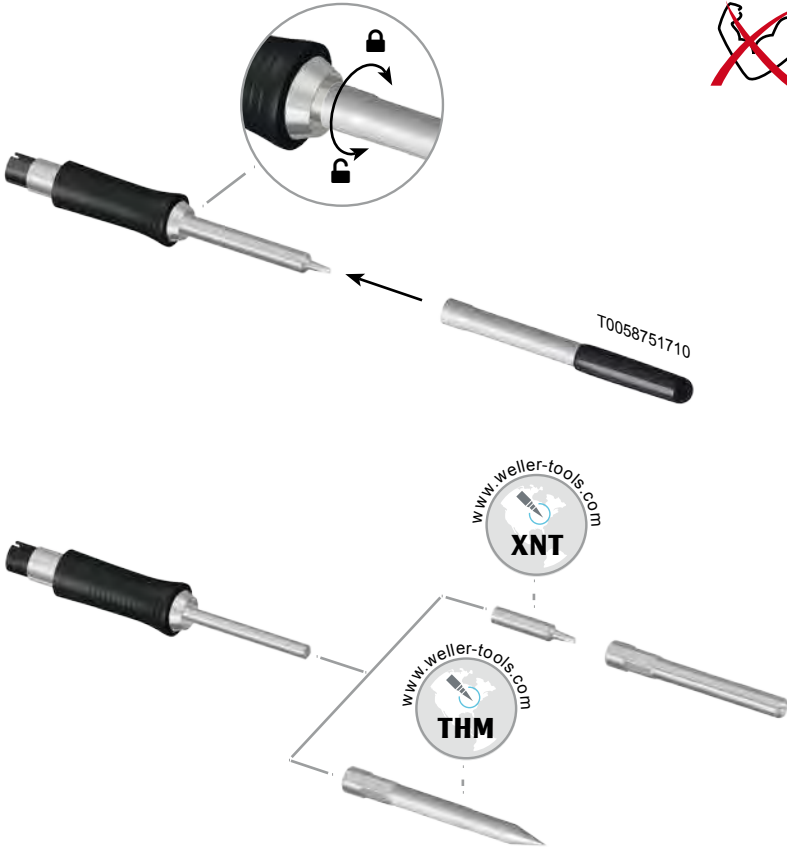
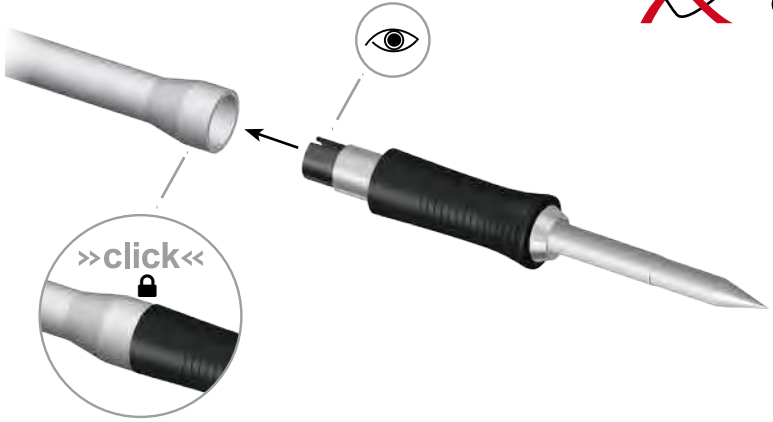
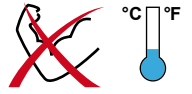


XNTA
1,6 x 0,4 mm

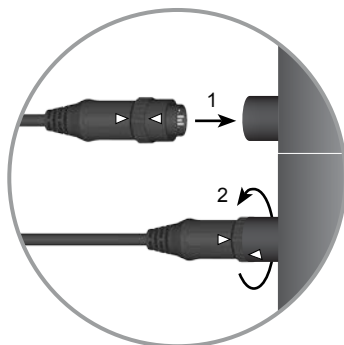
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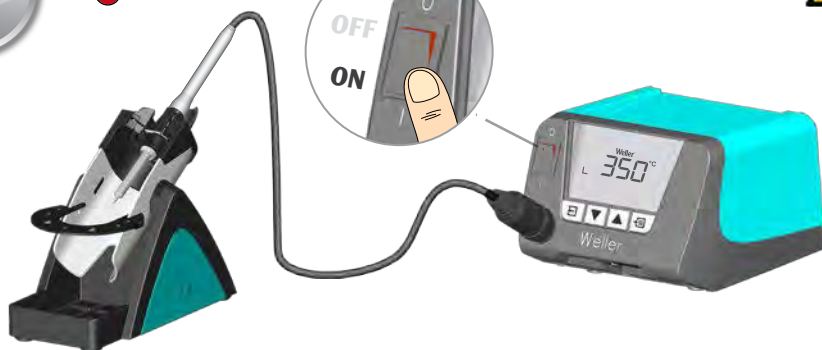
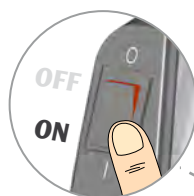
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WT 1
WT 1H



5





Read these instructions and the safety guidelines carefully before starting up the unit and starting work.

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.

Safety information

This appliance can be used by children aged from 8 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 unauthorised persons. Never allow other persons to touch the soldering tool or cable.

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

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 protectors.
- When working with adhesives, special attention must be paid to the warning information provided by the adhesive manufacturer.

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.

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.

Soldering

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



Use only original Weller soldering tips!

Handling the soldering tips

- Coat the selective and tinnable soldering tip with solder when heating it up for the first time. This removes oxide coatings which have formed during storage and impurities from the soldering tip.
- Make sure that the soldering tip is well coated with solder during breaks between soldering work and prior to storage of the device.
- Do not use aggressive fluxing agents.
- Always make sure that the soldering tips are fitted properly.
- Select as low a working temperature as possible.
- Select the largest possible soldering tip shape for the application. Rule of thumb: the soldering tip should be roughly as large as the soldering pad.
- Coat the soldering tip well with solder to ensure that there is efficient heat transfer between the soldering tip and the soldering area.
- Prior to extended breaks between soldering work, switch off the soldering system or use the Weller function to reduce the temperature when the soldering equipment is not in use.
- Coat the tip with solder prior to storage if you do not intend to use the soldering iron for an extended period of time.
- Apply solder directly to the soldering area, not to the soldering tip.

- Do not apply mechanical force to the soldering tip.

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.

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



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.

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“.

Keep the heat transfer surfaces of the soldering tip and heating element clean. The heating element must not come into contact with soldering tin.



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

Use original replacement parts only.

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 www.weller-tools.com.

Technical Data

Soldering iron		WTP 90
Temperature range	(°C / °F)	50-450 / 150-850
Power consumption	(W)	90
Mains supply voltage	(V AC)	24
Heat-up time (50°C to 350°C) (120°F to 660°F)	(s)	5
Tip top condition		XNT, THM
Supply unit		WT 1, WT 1H

Subject to technical alterations and amendments.

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.

Symbols



Caution!



Warning! Risk of burns



Read the operating instructions!



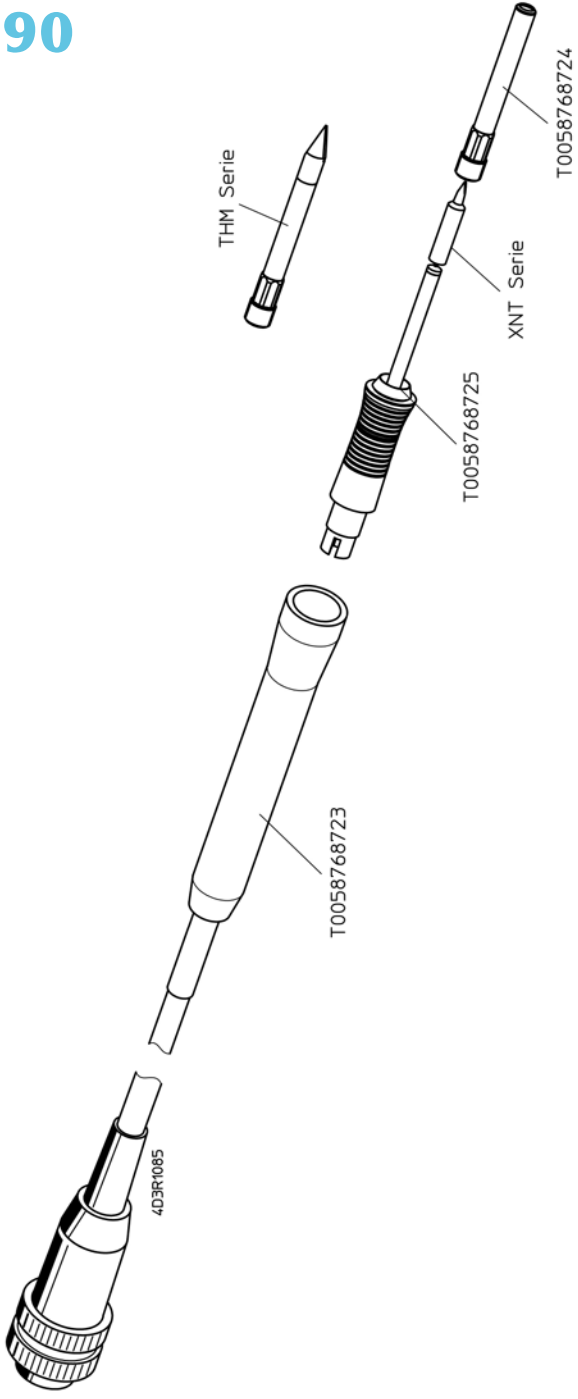
CE mark of conformity



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.

WTP 90



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