



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

Connecting the control unit incorrectly poses a risk of injury due to electric shock and can damage the device.

- Carefully read the attached safety information, the safety information accompanying these operating instructions as well as the operating instructions for your control unit before putting the control unit into operation and observe the safety precautions specified therein.
- Only connect WELLER tools.

If the device is faulty, active electrical conductors may be bare or the PE conductor may not be functional.

- Repairs must always be referred to a Weller-trained specialist.
- If the electrical tool's power supply cord is damaged, it must be replaced with a specially prefabricated power supply cord available through the customer service organisation.

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

Risk of burns from the soldering tool while the control unit is operating. Tools may still be hot long after they have been switched off.

- Always place the soldering tool in the safety rest while not in use. Make sure the safety holder is stable.
- 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 protection.
- 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.

The power cable must only be plugged into the power socket or adapter approved for this purpose. Check to see if the mains voltage matches the ratings on the nameplate. Make sure the machine is switched off before plugging in.

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.

Specified Conditions Of Use

Supply unit for WELLER soldering tools. Use the soldering station only for the purpose of soldering, as specified in the Operating Instructions.

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	Non-specialists
Operation 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.

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 station		WT 2M
Dimensions L x W x H	(mm) (Inch)	150 x 130 x 101 5.91 x 5.12 x 3.98
Fuse	230 V (A)	T0,8
	120 V (A)	T1,6
	100 V (A)	T2,0
Weight	(kg)	2,92 kg
Mains supply voltage	(V / Hz)	230 /50; 120 /60; 100 /50 /60
Power consumption	(W)	150
Safety class		I, antistatic housing III, Soldering tool
Temperature range	(°C)	50 - 450 / 550
Tool dependent	(°F)	150-850 / 950
Temperature accuracy	(°C/°F)	± 9 / ± 17
Temperature stability	(°C/°F)	± 2 / ± 4

Overload cut-out (150 W)

To avoid overloading a WT 2M station the power is limited to 150 W (see matrix 10). With a required tool performance of both channels of more than 150 watts, a channel is automatically deactivated (Auto-Off).

Symbols



Caution!



Warning! Risk of burns!



Read the operating instructions!



Before performing work of any kind on the unit, always disconnect the power plug from the socket.



ESD-compatible design and ESD-compatible workstation



Equipotential bonding



CE mark of conformity



Fuse



Safety transformer



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.

Original declaration of conformity

Soldering station WT-2M

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

2014/35/EU, 2014/30/EU, 2011/65/EU (RoHS)

Applied harmonised standards:

DIN EN 60335-1: 2012-10
 DIN EN 60335-2-45: 2012-08
 DIN EN 62233: 2008-11/2009-04
 DIN EN 55014-1: 2012-05
 DIN EN 55014-2: 2009-06
 DIN EN 61000-3-2: 2015-03
 DIN EN 61000-3-3: 2014-03
 DIN EN 50581:2013-02



Besigheim, 2018-02-14

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