

Weller®



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Safety information

The following safety regulations must be observed to protect the health of personnel and to prevent electric shocks, injury and the risk of fire and explosions. Failure to observe the safety regulations results in a risk to life and limb. These Operating Instructions and safety information must be kept well visible in the vicinity of the soldering tool.

Specified use

The mains cable must only be plugged into the mains socket or adapter approved for this purpose.

Do not overload your soldering tool.

Operate the soldering tool only with the specified voltage and with the specified pressure or within the specified pressure range.

Always use the correct soldering tool.

Do not use soldering tools which have insufficient power for your tasks. Do not use the soldering tool for purposes for which it is not designed.

Accessories

Use only accessories or auxiliary devices that are listed in the accessories list in the Operating Instructions, or which have been approved by the manufacturer. Use WELLER accessories or auxiliary devices only on original WELLER equipment. This use of other tool and accessories may mean that you run the risk of injury.

Use with other WELLER equipment.

If the soldering tool is operated in conjunction with other WELLER equipment or auxiliary devices, the warning information in their respective Operating Instructions must also be observed. All equipment must only be used in perfect working condition.

Safety at the workplace

Caution! Risk of injury through burning.

Even after switching off, or removal, the soldering tip / hot bar still requires a certain time to cool down. After soldering, the soldered part and workpiece carrier are still hot.

Take account of environmental influences.

Do not use the soldering tool in a damp or wet environment.

Protect yourself against electric shocks.

Avoid touching earthed objects such as pipes, heaters, coolers and refrigerators.

Children and other unauthorised persons must stay clear of the work area.

Never allow other persons to touch the soldering tool or cable. Keep other persons away from your workplace.

This appliance may be used by children over 8 years of age as well as by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge provided they are supervised or have been given instruction concerning safe use of the appliance, and understand the associated hazards.

Children must not play with the appliance.

Cleaning and user maintenance must not be performed by children unless they are supervised by an adult.

Store your soldering tool in a safe place.

When not in use, soldering tools should be stored in a dry, high or locked area out of the reach of children. Ensure that unused soldering tools are free of voltage and de-pressurised.

Always place the soldering tool in the safety holder provided. Make sure the safety holder is stable.

Caution!

Covering the soldering iron or the safety holder poses a fire hazard. Always keep objects well away from the soldering iron and safety holder.

The personal protective equipment must comply with the safety specifications relevant to the workplace.

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

Wear suitable protective clothing to protect yourself against injury through burning.

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.

Use a soldering fume extraction unit.

If appliances for connecting soldering fume extraction devices are available, ensure that they are connected and used properly.

Do not use the cable for purposes other than those for which it is intended.

Never carry the soldering tool 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.

Secure the soldering tool.

Use the clamping devices to hold the workpiece firmly in position. This is a safer way to hold the workpiece than in your hands and you also have both hands free to operate the soldering tool.

Pull the plug out of the socket before opening the unit.

Do leave any maintenance tools in the socket.

Before switching on, make sure that spanners and adjusting tools have been removed.

Avoid unintentional starting.

When plugging into the socket or connector, make sure that the switch is switched off at the mains. Never carry a soldering tool connected to the power-supply system with your finger on the mains switch.

The soldering tool must be operated only in perfect technical working order.

Protective devices must not be deactivated. Faults and defects must be eliminated immediately. Before using the soldering tool, protective devices or slightly damaged parts must always be examined for perfect and specified operation. Check to see if the movable parts are working perfectly and are not jamming, or if parts are damaged. Every part must be correctly fitted and must satisfy all the requirements necessary to guarantee trouble-free operation of the soldering tool. Damaged protective devices and parts must be properly repaired or replaced by a recognised specialist workshop, except where otherwise specified in the Operating Instructions.

Never work on voltage-carrying parts.

The handles on soldering tools with an antistatic design are conductive.

Valid safety provisions and accident-prevention regulations must be observed.

Personal prerequisites

Untidiness at the workplace increases the risk of accidents.

When the soldering tool is not being used, always replace it in its original place of deposit. Keep all combustible objects, liquids or gases well away from the hot soldering tool.

Avoid abnormal posture.

Arrange your work station in an ergonomically correct way. Avoid bad posture when working. Bad posture causes postural deformity. Always use the correct soldering tool for the job.

Be alert.

Pay attention to what you are doing. Approach your work sensibly. Do not use the soldering tool if you are having difficulty concentrating.

Maintenance and repair

Take good care of your soldering tool.

Work will be better and safer if the soldering tool is kept clean.

Please adhere to the instructions on soldering tip replacement and where applicable to the maintenance instructions for the tools and devices.

Maintenance work must be carried out by qualified personnel only.

Before performing maintenance work, allow the soldering tool time to cool down and disconnect the voltage.

Check all connected cables and hoses on a regular basis.

Stop using faulty power tools immediately.

Repair work must be carried out only by qualified specialists.

Use original WELLER spare parts only.

Always have your soldering tool repaired by a qualified electrician.

This soldering tool complies with the relevant safety regulations.

Repairs must be carried out by a qualified electrician only. Only original WELLER spare parts must be used; otherwise this may lead to accidents.

Supplementary safety information

Hot air stations

If hot air stations are used, combustible gases must not be connected.

Never direct the hot-air jet at persons or in the eyes.

Ensure there is adequate ventilation in the case of inert gases.

Soldering fume extraction device

The operator of the machine is responsible for observing statutory emission levels at the workplace.

The soldering fume extraction device must not be used to extract combustible gases.

Contaminated filters must be disposed of as hazardous waste.

Follow the information on changing the filters.

GERMANY**Weller Tools GmbH**

Carl-Benz-Str. 2
74354 Besigheim
Phone: +49 (0) 7143 580-0
Fax: +49 (0) 7143) 580-108

GREAT BRITAIN**Apex Tool Group**

(UK Operations) Ltd
4th Floor Pennine House
Washington, Tyne & Wear
NE37 1LY
Phone: +44 (0) 191 419 7700
Fax: +44 (0) 191 417 9421

FRANCE**Apex Tool Group S.N.C.**

25 Av. Maurice Chevalier B.P. 46
77832 Ozoir-la-Ferrière, Cedex
Phone: +33 (0) 1.64.43.22.00
Fax: +33 (0) 1.64.43.21.625

ITALY**Apex Tool S.r.l.**

Viale Europa 80
20090 Cusago (MI)
Phone: +39 (02) 9033101
Fax: +39 (02) 90394231

SWITZERLAND**Apex Tool Switzerland Sàrl**

Rue de la Roselière 8
1400 Yverdon-les-Bains
Phone: +41 (0) 24 426 12 06
Fax: +41 (0) 24 425 09 77

AUSTRALIA**Apex Tools**

P.O. Box 366
519 Nurigong Street
Albury, N. S. W. 2640
Phone: +61 (2) 6058-0300

CANADA**Apex Tools - Canada**

164 Innisfil street
Barrie Ontario
Canada L4N 3E7
Phone: +1 (905) 455 5200

CHINA**Apex Tool Group**

A-8 building, No. 38 Dongsheng Road
Heqing Industrial Park, Pudong
Shanghai PRC 201201
Phone: +86 (21) 60880288
Fax: +86 (21) 60880289

U S A**Apex Tool Group, LLC**

14600 York Rd. Suite A
Sparks, MD 21152
Phone: +1 (800) 688-8949
Fax: +1 (800) 234-0472

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