

Weller



GB Translation of the original instructions

HAP 1
HAP 200



MANUAL

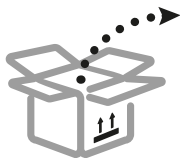


VIDEO



FAQ

1



HAP 1



T0052711599N



&

WSR 209
T0051518399



T0051384199



R04

T0058727821

HAP 200



T0052711699N



&

WSR 209
T0051518399



T0051384199



R06



SW 8

T0058727822



Düsenadapter M6

WR 3M

Air



HAP 200



HAP 1



WP 65

WP 80

WP 120

WP 200

WSP 150

WMRP

Vac



WMRT

DSX 80

DXV 80

DSX 120

Air

Vac



ON / OFF
I / O

Pick Up



WVP



WRK

3

HAP 1 HAP 200





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

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

Before using the device, please read these operating instructions and the enclosed safety instructions carefully. Failure to comply with the safety instructions may result in danger to life and limb.

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.

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

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

The HAP hot air piston has been manufactured in accordance with the current state of the art and recognised safety regulations. Nevertheless, there is a risk of personal injury and damage to property if you do not observe the safety instructions in the enclosed safety booklet and the warnings in these instructions. Always pass the hot air gun on to third parties together with the operating instructions.



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, stoves and refrigerators.
- Do not use the soldering tool in a damp or wet environment.
- Never work on voltage-carrying parts.



WARNING! Risk of burns

• 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 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.
- 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 accessories can pose a risk of injury to you.

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 used in combination with Weller Supply Units.

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

The manufacturer accepts no liability for any other use deviating from the operating instructions or for unauthorised modifications to the device.

Operating guidelines

Damage to the piston heater due to the nozzle thread being too long.

The thread depth for hot air nozzles is max. 5 mm (0.2"). A longer thread will destroy the radiator. The use of nozzles from manufacturers other than Weller can lead to damage to the hot air gun. Using nozzles from other manufacturers will invalidate the warranty.

- Ensure that the thread depth of the nozzles to be screwed in is correct!
- Use Weller original hot air nozzles!

You will receive an AF8 socket wrench with the HAP 200. This wrench must be used to change the nozzles. Tighten the nuts on the radiator using the open-end wrench supplied. Note If you screw the supplied nozzle adapter (005 87 610 28) into the HAP 200 using the AF8 socket wrench, you can use the same nozzles as for the HAP 1. Replacement hot air pistons are adjusted and can be connected and used without readjustment.

To check the hot air temperature, we recommend using a special measuring nozzle (005 87 278 08) through which a sheath thermocouple (Ø 0.5 mm) can be contacted.

Equipotential bonding

The hot air piston is equipped with an equipotential bonding cable that can be wired in accordance with the operating instructions for the control unit used.

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 Replacing electrical replacement parts	Technical trainees under the guidance and supervision of a trained expert



Only use original Weller hot air nozzles!

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.

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 unauthorized persons. Subject to technical alterations and amendments.

Technical Data

Soldering iron	HAP 200	HAP 1
Heating output	200 W	100 W
Heater voltage	24 V AC	24 V AC
max. Air flow	15 l / min	10 l / min
Temperature range	50 °C - 550 °C 100 °F - 1000 °F	50 °C - 550 °C 100 °F - 1000 °F
Temperature range	± 30 °C / ± 80 °F	± 30 °C / ± 80 °F
Supply unit	WR 3M, WT 2M, WAD 101	WR 3M, WT 2M

Subject to technical alterations and amendments.

Symbols



Caution!



Warning! Risk of burns



Hot air



Equipotential bonding



Hot air



Read the operating instructions!



CE mark of conformity



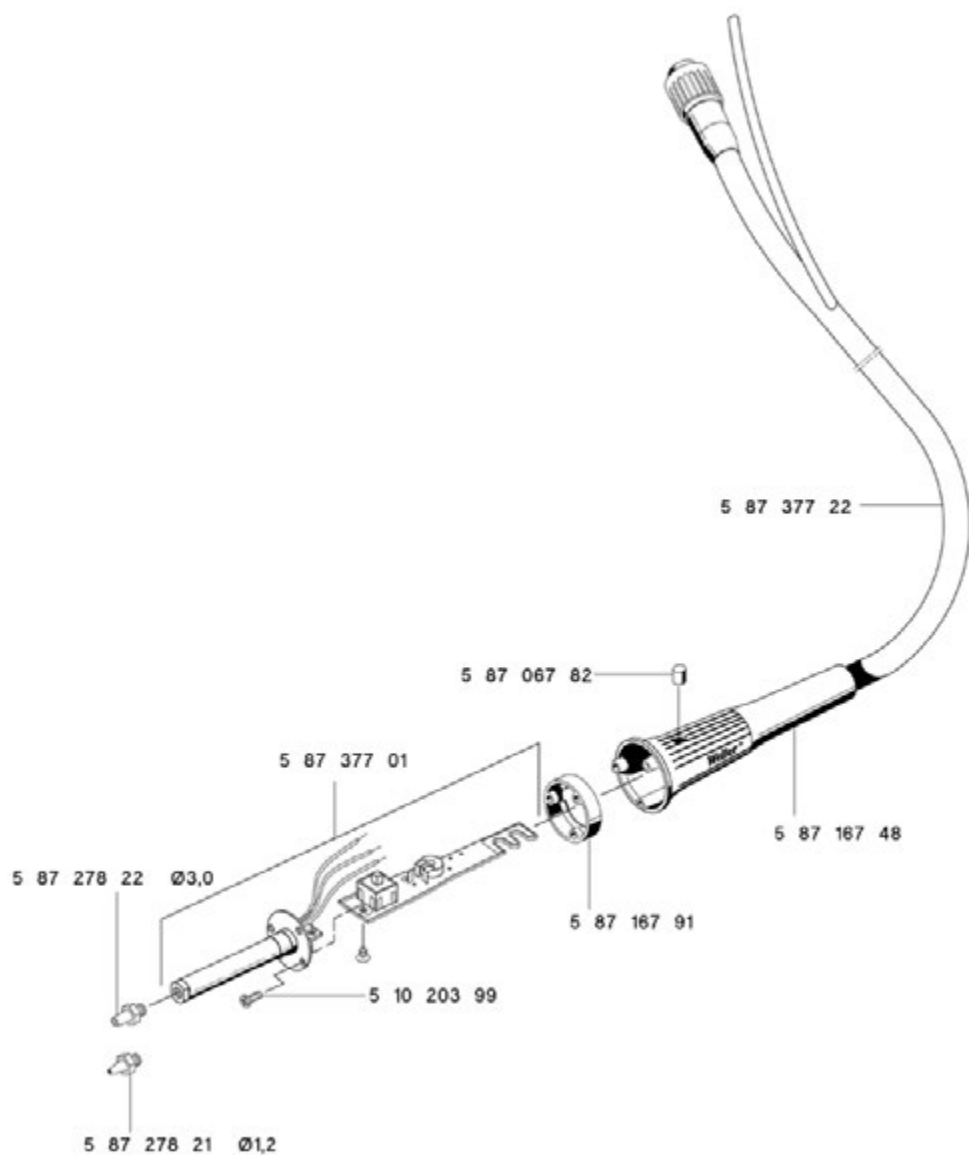
British Conformity Mark



Disposal

According to local regulations, retailers may have an obligation to take back waste electrical and electronic equipment free of charge. Your contribution to the re-use and recycling of waste electrical and electronic equipment helps to reduce the demand for raw materials. Waste electrical and electronic equipment contains valuable, recyclable materials, which can adversely impact the environment and human health if not disposed of in an environmentally compatible manner. Dispose of replaced equipment parts or old devices in accordance with the rules and regulations applicable in your country.

HAP 200




402R299/4

EN EC declaration of conformity

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

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

 Besigheim, 2024-07-29



Philippe Buidin
Managing director

Bevollmächtigt die technischen Unterlagen zusammenzustellen.

Authorised to compile technical documentation.

Autoriza la recopilación de la documentación técnica.

autorise à réunir les documentations techniques.

Autoriza la recopilación de la documentación técnica.

Incaricati di redigere la documentazione tecnica.

Responsável pela compilação da documentação técnica.

Gevolmachtigd om de technische documenten samen te stellen.

Bemyndigar sammanställning av tekniskt underlag.

Bemyndiger udarbejdelse af den tekniske dokumentation.

Teknisten asiakirjojen laadintaan valtuutettu.

Εξουσιοδοτημένος για την κατάρτιση του τεχνικού φακέλου.

Teknik belgelerin oluşturulması için tam yetkiye sahiptir.

Zmocněn k sestavení technické dokumentace.

Osoba upoważniona do przygotowania dokumentacji technicznej.

A műszaki dokumentáció összeállítására jogosult személy.

Splohocňuje zostaviť technické podklady.

Pooblaščen za sestavljanje tehnične dokumentacije.

Volitatud koostama tehnilisi andmeid.

Pilnvarots izstrādāt tehnisko dokumentāciju.

Asmuo, įgaliotas sudaryti techninę dokumentaciją.

Упълномощен за съставяне на техническата документация.

Împuțernicit cu redactarea documentației tehnice.

Opunomoćen za prikupljanje tehničke dokumentacije.

Уполномоченный на составление технических документов.

经授权编制技术文件

위임을 받아 기술파일 작성

技術文書の作成が認可される。

SI 2016 No.1101, SI 2016 No.1091, SI 2008 No.1597

Besigheim, 2024-07-29



Philippe Buidin
Managing director

Authorised to compile technical documentation.

For Weller Tools GmbH

Apex Tool Group UK Ltd

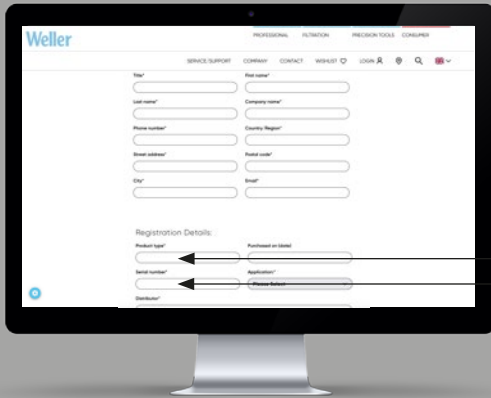
Registered in England, Company Number 14127816

Registered Office:

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Product Registration



Product Type



Serial Number

USA

Apex Tool Group, LLC.
Weller Professional Tools
Division

