

# Weller® FT

## FILTER SYSTEMS



Sicherheitshinweise - Consignes de sécurité - Veiligheidsinstructies - Norme di sicurezza - Safety information - Säkerhetsanvisningar - Normas de seguridad - Sikkerhedshenvisninger - Indicações de segurança - Turvallisuusohjeet - Οδηγίες Λειτουργίας - Güvenlik uyarıları - Bezpečnostní pokyny - Wskazówki bezpieczeństwa - Biztonsági utasítások - Bezpečnostné pokyny - Varnostna navodila - Ohutustehnikaeeskirjad - Saugos taisyklės - Drošības pasākumu instrukcija - Инструкции за безопасна работа - Indicații de securitate - Sigurnosna upozorenja



## 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 unit.

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

#### Use the correct unit.

Do not use units which have insufficient power for your application. Do not use the unit for purposes other than those for which it is intended.

#### 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 unit in a damp or wet environment.

#### Protect yourself against electric shocks.

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

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

Do not allow other persons to touch the unit or the 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 unit in a safe place.

When not in use, units should be stored in a locked area out of the reach of children.

Ensure that unused soldering tools are free of voltage and de-pressurised.

#### 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.

### Personal protective equipment must comply with the safety requirements for the workplace.

Always wear suitable safety gear.

Protect your eyes by wearing eye protectors.

#### 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 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.

#### 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 unit connected to the power supply system with your finger on the mains switch.

**Do not put the unit into operation unless it is in perfect 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 troublefree operation of the unit. 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.**

Keep all combustible objects, liquids or gases well away from the hot unit.

**Avoid abnormal posture.**

Arrange your work station in an ergonomically correct way. Avoid bad posture when working. Bad posture causes postural deformity. Always use suitable accessories.

**Be alert.**

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

## Maintenance and repair

**Take good care of your unit.**

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

Follow the instructions for replacement of filters and, where applicable, the maintenance instructions for tools and units. Maintenance work must be carried out by qualified personnel only.

Before carrying out maintenance work, disconnect the unit from the power supply and allow it to cool down.

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 unit 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

**Compressed air equipment**

If compressed air equipment is 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.

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FILTER SYSTEMS