

# OPERATING INSTRUCTIONS

## SOLDER FUME EXTRACTOR TS-1580

### Intended application

The solder fume extractor extracts the fumes which are generated when soldering work is going on and filters them through a replaceable activated carbon filter.

The appliance is constructed in compliance with protection class 1 (with protective power lead) and may only be plugged into shockproof sockets at a voltage of 240V~50Hz, of the public mains electricity supply.

Operation under adverse environmental conditions is not permitted.

Adverse environmental conditions are:

- wet or excessively humid conditions
- dust and flammable gases, vapour or solvents in the air.

Application other than that described above is not permitted.

The safety instructions must be observed.

### Scope of delivery

Solder fume extractor  
2 replacement activated carbon filters  
Instructions for use

### Safety instructions



**All guarantee entitlements lapse in the case of damage caused by failure to observe these safety instructions! We also accept no liability for consequential damage, damage to property or personal injury caused by improper use or failure to observe these safety instructions.**

This appliance is CE examined, and thus complies with the required EMC Directive 89/336/EEG and low-tension power Directive 73/23/EEG.

For reasons of safety and registration (CE) it is not permitted to convert or alter this appliance on your own initiative.

The appliance is not a toy, and must be kept out of children's hands.

Never grasp either the appliance or the plug when connected with wet hands. This could lead to a life-threatening electric shock.

Never withdraw the plug from the socket except by grasping the plug itself.

Only use the solder fume extractor in dry inside rooms. Its use in wet rooms such as bathrooms is prohibited.

Do not leave the packaging material lying around carelessly; it could become a dangerous toy for children.

In commercial premises, accident prevention regulations as laid down by the employers liability insurance association for electrical plant and equipment must be observed.

In schools, educational establishments, hobby and self-help workshops, there must be responsible monitoring of the handling of electrical equipment by trained personnel.

The power lead is fixed, and cannot be replaced. If the power lead is damaged, the appliance must be taken out of service and secured against re-use. The appliance must then be disposed of in accordance with the regulations applicable.

Make sure that no objects are sucked into the appliance, or get into the machine through the fan grid.

The housing and the power lead must not be allowed to come into contact with hot objects, such as soldering irons.

When it is reasonable to assume that safe operation is no longer possible, the appliance must be taken out of service and secured against unintentional operation. It is to be assumed that safe operation is no longer possible in the following circumstances:

- the appliance displays signs of damage,
- the appliance no longer works and
- if it has been stored for a long time under unfavourable conditions or after it has been damaged in transport.

### Setting up and connecting the appliance

Set up the solder fume extractor in the immediate vicinity of the soldering work. Make sure it is placed on a flat and stable surface.

For carrying it, the solder fume extractor can be picked up by the upper metal bar.

Aim the fan housing direct at the surface being soldered and lock in this position by means of the clamps on either side.

Connect the power lead into a shockproof socket.

### Operating

The solder fume extractor is turned on and off at the rocking switch on the top.

0 = off

1 = on

When the solder fume extractor is not actually needed, please always switch it off.

### Maintenance, cleaning and filter changing

Apart from occasional cleaning and changing the filter, the solder fume extractor is maintenance free.



**Before cleaning the appliance or changing the filter, always remove the power lead plug from the socket. Unscrewing the housing is not permitted.**

For cleaning the appliance, use a clean, lint-free, anti-static and slightly damp cleaning cloth, without cleaning agents containing abrasives, chemicals or solvents.

### Changing the filter

The solder fumes are fed through a replaceable activated carbon filter, which absorbs the particles in the solder fumes.

Always change this filter when it has become visibly dirty, in order to retain the effectiveness of the filter.

To replace the filter, proceed as follows.

Fold the metal grid at the front of the solder fume extractor upwards.

Remove the used carbon filter from the appliance and replace it with a new one. Two replacement filters are supplied.

Fold the metal grid downwards, and clip it into the plastic holder.

The solder fume extractor is once again fully functional and can be used immediately.

### Disposal



**When the appliance reaches the end of its useful life, it must be disposed of in accordance with the regulations.**

### Technical data

Operating voltage	240VAC ~ 50Hz
Current consumption	ca. 23W
Protection class	1
Dimensions ca. (LxDxH)	255 x 165 x 260 (mm)
Filter measurements (LxBxH)	130 x 130 x 10 (mm)
Weight ca.	1450 g

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