

# PORTABLE WELD-FUME FILTER

## SF

### Portable weld-fume filter for temporary worksites where efficient filtration is important



The FUMEX weld-fume filters form part of a complete extraction program in 2 sizes; series 300, and 150.

Welding fumes contain large amounts of fine particles that are a serious health hazard. For this reason, the FUMEX filter SF offers the best level of filtration currently available on the market.

The SF-filter is made up of three layers; a *pre-filter* efficient to 95-97%, a *fine filter* efficient to 97-99% and a *micro filter* efficient to 99.997% for particles  $>0.3 \mu\text{m}$ .

The result when filtering weld-fumes with filter media of three different degrees of collecting efficiency is presented in the diagram below.

Starting point: before filtration there are 300 000 particles $>0.3 \mu\text{m}$ in 10 l air.	
Collecting efficiency	No. of particles after filtration
98%	6000
99%	3000
99,997%	9

Carbon filter cartridges for gas-mixed air are available on request.

The FUMEX SF weld-fume filter is supplied complete with filter cartridge, 3.75 m extraction hose and 5 m electric cable. Model 300 SE is also equipped with two-stage operation and an indicator light for filter change.

Accessories: different nozzles on magnetic support, rubber sleeve for connection to welding pistol etc. as well as rubber y-adaptor for branching off from welding filter to 2 hoses, all available on request.

*Fumex also offers a range of fans, accessories and automatic control devices for our local extractors*

**FUMEX®**  
LOCAL EXTRACTOR  
**Pure advantage**

# ACCESSORIES

## 150S, 300SE, 300 SE/A

TM-80



SM-220



TM-180



FSE-300



FS-150



FGH-300



FG-300



### NOZZLES with magnetic support

**TM-80** Funnel type nozzle, 80 mm

**TM-180** Funnel type nozzle, 180 mm

**SM-220** Fishtail nozzle, width 200 mm

### FILTERS

**FSE-300** 3-stage filter H13 according to EN 1822

**FS-150** 2-stage filter H13 according to EN 1822

**FG-300** Gas filter, carbon, 9 litres

**FGH-300** Gas filter holder

	SF 300SE/A	SF 300SE	SF 150S
<b>Air flow</b> m³/h	280/160	280/160	150
<b>Filtration level</b> acc. to EN 1822	H13	H13	H13
<b>Collecting efficiency</b> % acc. to DOP 0.3 µm	99,997	99,997	99,997
<b>Max vacuum</b> kPa	22	22	22
<b>Motor capacity</b> W 1 phase, 220 V, 50 Hz	2x1000 2-speed	2x1000 2-speed	1000 1-speed
<b>Ext. measurements</b> mm (LxWxH)	600x220x330	600x220x330	Ø400x500
<b>Weight</b> kg	18	18	12
<b>Hose</b> mm	Ø50 3.75 m	Ø50 3.75 m	Ø45 3.75 m

# FUMEX®

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