

PRODUCT RANGE



SPECIALISTS OF

**EXTRACTION ARMS · FANS · FILTERS**

- FOR ALL WORKING ENVIRONMENTS



**FUMEX**  
PURE ADVANTAGE

# PR

The ideal extractor for industrial environments

**FUMEX PR** represents a considerable step in the development of local extractors for industrial environments.

With its aluminium supporting arm and hood designed for maximum suction, the PR is extremely user friendly with lightweight positional stability. This arm is at the absolute leading edge of production technology.

Integrated buttons for lighting as well as fan start-up and damper opening are also an innovation with our local extractor control systems providing maximum benefits for the user.



PR STD



PR EXC



PR CR



PR WHITE



**Facts: PR**

**Variants:**

- PR STD (Blue)
- PR White
- PR CR (corrosion resistant)
- PR EXC (ATEX)
- PR EXD (ATEX)

**Lengths:**

- 1500-11 000 mm
- 1500-11 000 mm
- 1500-11 000 mm
- 1500-7000 mm
- 1500-7000 mm

**Diameters:**

- 100/125/160 mm
- 100/125/160 mm
- 100/125/160 mm
- 100/125/160/200 mm
- 100/125/160/200 mm

### Accessories

**FUMEX PR** can be fitted with LED lighting and/or switch for operating fan/damper.

#### **FUMEX PR has many new and important advantages:**

- Extreme positional stability
- Unique ease of manoeuvrability
- Designed for maximum suction and capture efficiency
- Externally positioned supporting arms
- Hose composition as required.

#### **PR is designed according to FUMEX's basic principles:**

- Externally positioned supporting arms to always provide the lowest pressure drop possible.
- Hose dimensions as required (100/125/160/200 mm).
- Partially assembled, for ease of installation.



PR LED



PR LED/T



PR T



PFS



PRH

#### **Brackets** (ceiling and floor)



PTX



PTX 180



PTZ



PTS



## PTEX

### Telescopic local extractor for confined workplaces

The **FUMEX PTEX** is a telescoping local extractor with suction ducts in powder coated steel plate which copes with tougher environments such as dust from grinding, but is also naturally suitable for welding smoke.

As we always design our extractors with external supporting arms, the air has a less restricted flow route. The smooth inside of the suction duct also makes the PTEX easy to keep clean.

The PTEX can be equipped with the Conical Hood PK for increased efficiency.



#### Facts: PTEX

Variants:	Lengths:	Diameters:
STD (Blue)	2000 mm	125 mm
White	2000 mm	125 mm



Conical hood PK

## PRX

### The robust alternative

The **FUMEX PRX** is equipped with gas springs to balance the weight of the arm. The PRX therefore has a unique ease of manoeuvrability and high positional stability - also in outstretched positions. The smooth inside of the suction duct of PRX allows for a very easy cleaning.

The PRX is equipped with knobs for adjusting the friction joints. The knobs are easy to adjust by hand and provides great flexibility in the desired resistance. This makes the PRX unique on the market today. It can also be equipped with the Conical Hood PK for increased efficiency.

The FUMEX PRX extraction arm is very easy to install, with brackets for ceiling or floor available. A wall bracket with 360° swivel rotation is delivered as standard.



#### Facts: PRX

Variants:	Lengths:	Diameters:
STD (Blue)	2000-10 000 mm	125/160/200 mm
White	2000-10 000 mm	125/160/200 mm
HD (Heavy duty)	2000-10 000 mm	125/160/200 mm



## PSS

Fully stainless steel extractor arm for demanding work environments



Cleanroom certified extraction arm with a smart and stylish design developed primarily for industries with stringent hygiene requirements, such as the food and pharmaceutical industries. All surfaces finished in high-gloss polished ( $Ra \leq 0,6$ ) acid-resistant stainless steel, and the hose is fitted with **FUMEX Q-Maid™** quick connectors, release clamp and grille, making PSS the most easily cleaned extraction arm in the industry.

A fully sealed profile, component-free airflow, generally few components and food-grade certified hose and gas spring makes FUMEX PSS one of the best extraction arms on the market in this segment.

FUMEX PSS is cleanroom tested and certified by a third party. The extraction arm is ATEX compliant and meets the requirements of the ATEX directive for category 2 equipment for gas and dust, and it is suitable for use in zones 1 and 21 as well as 2 and 22.

### Facts: PSS

Variants:	Lengths:	Diameters:
PSS	2000-4000 mm	100/125/160/200 mm

## PSR

Stainless steel extraction arm for demanding work environments



**FUMEX PSR** in stainless steel is developed for industries with explosion-class work environments. All surfaces are finished in polished stainless steel, and the hose is fitted with **FUMEX Q-Maid™** quick connectors and grille.

The PSR complies with the requirements of the ATEX directive for category 2 equipment for gas and dust, and it is suitable for use in zones 1 and 21 as well as 2 and 22.

The product is available in two versions:

- **PSR EXC** – for workplaces from which solvents and corrosive gases need to be extracted.
- **PSR EXD** – for workplaces in which dust is a major risk factor.

### Facts: PSR

Variants:	Lengths:	Diameters:
PSR EXC	2000-4000 mm	100/125/160/200 mm
PSR ECD	2000-4000 mm	100/125/160/200 mm



## TW/TWG

Industrial tables with effective extraction for grinding & welding

**FUMEX TW & TWG** are industrial welding and grinding tables for handling smoke, dust, and particles during welding and grinding work. They remove harmful substances directly from the operator's breathing zone. The tables connect to a separate fan or existing fan system. With a 1370 x 700 mm worktop and adjustable working height.

Opening side panels allow for easy adaptation based on the needs of the workplace.

Two dampers are located on the back panel for easy airflow control and optimisation. Double Ø200 mm pipe connections at the top of the tables ensures a high airflow. One of the short sides is equipped with a welding gun holder.

Spark trap is available as an accessory.

The table is delivered semi-assembled for easy installation.



**TW**



**TWG**

## ME

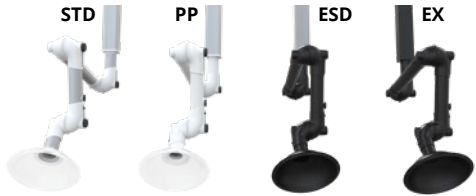
Ideal design for low pressure drop



The **FUMEX ME** extractor with its uniquely designed joint structure combines maximum flexibility with very low pressure drop.

As a result of the air passing through the joints without creating unnecessary turbulence, the variation in air flow between an arm in the extended position and an arm in the folded position is minimal.

All variants of the ME are available in wall, ceiling, or table mounting. As applications vary, a number of different hoods are also available.



### Facts: ME

#### Variants:

STD  
PP  
ESD  
ATEX

#### Lengths:

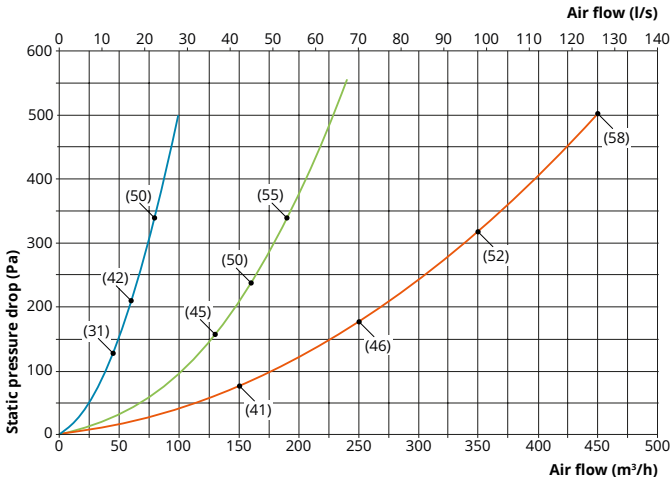
650-2650 mm  
1000-2650 mm  
650-2000 mm  
1000-2650 mm

#### Diameters:

50/75/100 mm  
75/100 mm  
50/75 mm  
75/100 mm

## Low pressure drop is an important quality aspect

The FUMEX ME has up to 50 % lower pressure drop compared with similar products on the market.



### Dimension (Ø)

- ME-50
- ME-75
- ME-100
- (xx) db(A)

### Measuring methods

Static pressure drop is measured in accordance with ISO standard 5167-1.

Noise level is measured in accordance with ISO standard 3743.

Sound data refers to sound pressure level.

## MiniTEX

Telescopic extractor with extremely low pressure drop.

The **FUMEX MiniTEX** with its unique low pressure drop provides an alternative solution where extreme flexibility is not absolutely essential.

The arm's compact telescopic design makes the MiniTex the ideal extractor for use in limited spaces. The MiniTEX is an excellent choice for combining with fume cabinets in the same system due to its low pressure drop. Available as both wall and ceiling mounted with a number of hoods as accessories.



### Facts: MiniTEX

Variants:	Lengths:	Diameters:
STD	1100-1500 mm	75/100 mm

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## MEX AA

Telescopic local extractor for atom absorption apparatus and other high heat exhaust applications



The **MEX AA** is specially developed for the evacuation of airborne pollutants at high temperatures from open flames as from an atom absorption apparatus.

### Facts: MEX AA

Variants:	Measures:	Diameters:
MEX AAF	Rectangular hood (500x250 mm)	100 mm
MEX AAR	Round hood (Ø274 mm)	100 mm

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## DSK

A fume cabinet with possibilities

The **FUMEX DSK** is a diverse cabinet ideal for open vessels, chemical apparatus and gluing. With its transparent walls and roof, the DSK provides full viewing of the work area. Lighter weight, it can be easily moved between work sites.

### Facts: DSK

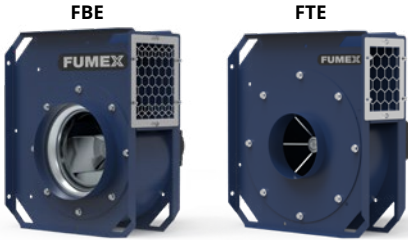
Variants:	Dimensions (WxDxH):
DSK 400	600x400x400 mm
DSK 700	1000x500x700 mm





## FBE & FTE

Industrial fans developed for use with particle-rich air



**FUMEX FBE and FTE** is a range of Centrifugal fans designed for extracting gases, smoke and small particles.

The fans are optimised for use together with the Fumex product range of extraction arms for industrial environments and vehicle workshops.

**FUMEX FBE** is a range of ErP-approved radial fans for extraction of gases, smoke and small particles. It's designed for airflows up to 15 000 m³/h.

**FUMEX FTE** is a range of radial fans for high concentrations of dustladen air. Fan housings and impellers are made from heavy duty steel sheet.

## Control units

For local extractors and vehicle exhaust systems

**FUMEX CONTROLS** provide a safer working environment suitable for all types of exhaust systems. Choosing the right control also means saving on energy costs while reducing noise pollution.

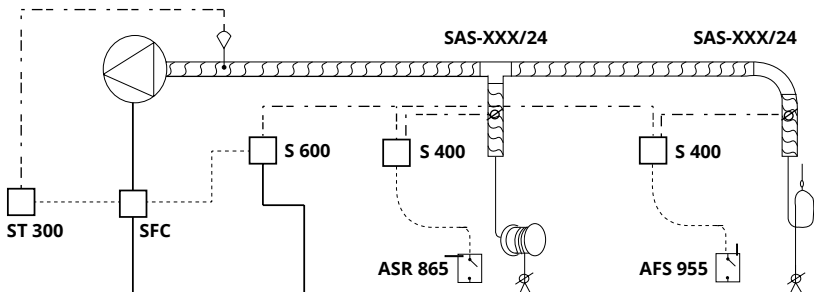
### Control units

For more examples of different control solutions, see website or product sheet for Control Units.



### System 4:11:

Automatic control of frequency converter and damper, with time delay

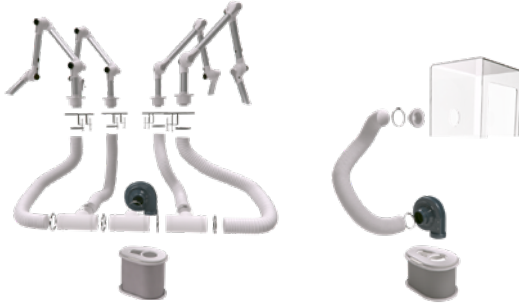


## LF 100

Portable filter unit with a wide range of applications

### SOLDERING – GLUING – VIRUS PROTECTION – LASER WORK ETC.

Filter unit for flexible solutions for temporary work, with HEPA (particles) or ULPA (filtering viruses). A HEPA filter combined with activated carbon also filters unpleasant odors / certain chemical vapors.



#### Suitable for:

- Soldering
- Precision welding (TIG)
- Laser marking
- Conservation
- Nail salons
- Virus filtration

## LFK U

Portable filter system for environments where protection against viruses is essential, e.g. dental clinics, healthcare facilities and laboratories

The **FUMEX LFK U** is highly suitable for use in healthcare environments where exhaled air, which could potentially contain viruses or residues from inhaled medicines, can be problematic, e.g. dental clinics,

healthcare facilities and laboratories. The LFK U consist of a highly efficient filter (ULPA 15 rating), an optimised fan with a reliable EC motor with speed control and a flexible ME extractor arm.



## CMF

Cleanable mobile filter unit for industrial production



The filter cartridge filters more than 99% of smoke and dust contamination from the welding of high-alloy steels,.

The hood of the extraction arm is designed for maximum suction efficacy. A manual damper at the hood attachment point opens and closes the airflow.

The filter unit is supplied partially assembled for easy installation. Accessories include a spark trap, silencer, LED lighting and HEPA filter (class H14).

The **FUMEX CMF** is a cleanable mobile filter unit ideal for welding smoke and fine dust filtration on production sites. It has a built-in high efficient fan and top mounted **FUMEX PR 3000** extraction arm with an all around reach (360° swivel) of 3 meters, for ventilated full-scale workshop environments. The CMF is supplied complete and ready for use with 400V AC cord.



### Three models. Three cleaning methods:

- CMF 10 – with manual cleaning
- CMF 20 – with motorised cleaning
- CMF 30 – with motorised and pneumatic cleaning

## SF

Portable welding filter for use in temporary worksites requiring high separation efficiency.

Welding smoke contains large quantities of very small and harmful particles for which a very high separation efficiency is required. The **FUMEX SF** portable welding filter satisfies this requirement.

Available in 2 sizes, the SF incorporates a three stage filtering process for temporary workplace use.



## CV

A flexible modular filter for particles and gas

Fumex modular filter, **FUMEX CV** with its sturdy profile, gives the possibility to satisfy the need of several functions in one product.

Maximum flexibility from a simple disposable filter to a solution with cleaning via compressed air, but also the possibility to combine particle- and gas filtration in the same unit or a gas filtration only.



## CFE

Dust filter for large airflows

**FUMEX CFE** is suitable for filtration of dry particles, dust and welding smoke for mechanical industry.

The filter is manufactured in modules with 2-4-6 and 8 horizontally placed filter cartridges for airflows from 1000m³/h to 12000 m³/h for larger airflows more filters can be placed parallel in the same system.



### Facts: CFE

Variants:	Dimensions (WxDxH):	Weight:
CFE 2	550x1600x2140 mm	270 kg
CFE 4	1070x1600x2180 mm	350 kg
CFE 6	1070x1600x2650 mm	520 kg
CFE 8	1070x1600x3270 mm	720 kg



## APS

The optimal solution for moving vehicles

The **FUMEX APS** is the most technologically modern exhaust rail on the market. The rail's unique profile provides several advantages. Coupled with easy assembly, extremely low pressure drop means low running costs.

The rail's design includes a flexible rubber flap minimizing the risk of leaks. Bus depots, DOT centers, car and truck service bays are all typical installation sites for the APS.



## AFSA/AFSH/AFSU

Exhaust rails for emergency service vehicles

Fumex's modern aluminium rails for emergency service vehicles span the requirements of the market and are suitable for all types of exhaust pipes as found on ambulances, fire response

vehicles and larger trucks. The rail can be fitted with various automated solutions including start/stop of fans and automatic nozzle disconnects.





## AFS

### A modern variant of the hose rail

The **FUMEX AFS** is a contemporary aluminium rail system for moving vehicles. The rail can be fitted with various automated solutions including start/stop of fans and automatic nozzle disconnects.

The AFS can be mounted to the ceiling or wall with adjustable brackets and can have automate hose return by slanting the rail at 2° from level.



## ASA

### Modern pivoting arm for larger vehicles

The **FUMEX ASA** is a wall mounted pivoting arm with a free-hanging hose carried by a balancer. The balancer both facilitates handling and lifts the hose from the work area when not in use.

ASA is particularly recommended for construction machinery, agricultural machinery and similar commercial vehicles, especially when handling high temperatures.

The hose and balancer can be attached without a the arm, directly to a wall using a bracket.



#### Facts: **ASA**

Vars: <b>AS:</b>	Lengths:	Diameters:
STD	4000-6500 mm	100/125/150 mm
Wall mounted	800 mm	100/125/150 mm

## ASE/ASEM

Hose reels for work on stationary vehicles



The **FUMEX ASE/ASEM** is a hose reel with a wide selection of hose lengths and compositions. The ASE/ASEM offers a practical solution for exhaust extraction at vehicle service bays as the entire hose can be rolled up when not in use.

The hose reel is available in two versions as the ASE with mechanical return spring, or the ASEM motorized model - always recommended when using hoses longer than 12,5 meters.

### Facts: ASE/ASEM

Versions:	Lengths:	Diameters:
Return spring:	5000-15 000 mm	75/100/125/150/200 mm
Motorised:	7500-15 000 mm	75/100/125/150/200 mm

## Exhaust nozzles

For all kinds of vehicles

Fumex's wide range of exhaust nozzles always give you the opportunity to find something that suits your particular needs.

For cars, the nozzle is made entirely of rubber to avoid damaging the vehicle's exhaust. For use with trucks and plant machinery, nozzles are available made entirely of rubber, but also in combination with steel plate for greater heat resistance. A full range of branch connectors and hose burst safety devices are also available.



### Facts: Exhaust nozzles

Versions:	Diameters:
Manual disconnection:	75/100/125/150 mm
Automatic disconnection:	100/125/150 mm

## Exhaust hoses

Low-weight and various temperature ranges

Fumex's range of exhaust hoses meet or exceed specs for most applications. All hoses are specially designed for low pressure drop and high flexibility exhibiting high strength and a small curve radius. All of the Fumex hoses are resistant to all chemicals present in diesel and gas exhaust fumes.



EXTRACTION ARMS • VEHICLE EXHAUST EXTRACTION • FANS • FILTERS • CURTAINS • CONTROLS

**FUMEX**

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