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## Glossary

Many terms used in environmental and dedusting technology aren't familiar. What is e. g. the separation grade? What does air exchange rate mean? What does SEMPAC stand for? These and about 300 further terms are explained in a simple and concise form.

When you need extensive information about environmental and dedusting technology, then our "[Infastaub encyclopaedia about dedusting](#)" is a helpful source.

## Glossary

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### [Safe-Change](#)

Safe and non-contact change of filter media or dust collecting bin

### [Safe-Change Light](#)

Safe and non-contact change of filter media or dust collecting bin by using a change collar with double grooves, but without processing via a changing sack.

### [Safety filter](#)

Police filter for protection of surrounding respectively down-stream process systems.

### [Screw filter](#)

Dedusting system with an integrated screw conveyor in the dust discharge area.

### [Sedimentation](#)

Gravity-assisted depositing of particles out of a fluid.

### [Sedimentation rate](#)

Vertical velocity with which particles deposit in a fluid.

### [Separation](#)

Separation of particles from gas flow

### [Separation efficiency](#)

Separated dust in ratio to raw gas dust content

### [Shaking filter](#)

Filter unit with mechanical cleaning of filter media by shaking.

### [Silo dedusting filter](#)

cf. vent filter

### [Silo filter](#)

cf. vent filter

### [Simple pressure tank](#)

Pressure tank according to EG guideline

### [Single chamber technology](#)

Separation of a filter plant into gaseously separated filter chambers.

### [Sinter filter](#)

Filter elements made of sintered plastic granules or metal granules.

### [Siphon](#)

Gas tight water discharge

### [SMEPAC](#)

Standardized Measurement for Equipment Particulate Airborne Concentrations

### [Smoke](#)

Smoke is an aerosol (or mist) of solid particles and liquid droplets

### [Smoke filter](#)

cf. welding smoke filter

### [Snap ring](#)

Fastening of filter media

### [Solid filter](#)

Filter for separating dusts (Infastaub)

### [Source extraction](#)

Direct extraction at the dust source.

### [Spacer](#)

Component of a filter element

### [Spare part](#)

Components that need to be replaced because of the process.

### [Spark trap](#)

Separation of inserted sparks

### [Spiral tube filter](#)

Tube filter made of spirally welded inherently rigid filter fleece

### [Spot extraction](#)

Direct filter installation at the immission source.

### [Spunbond nonwoven](#)

Spun-bonded fabric

### [Stand-By filter system](#)

Two identical in construction, switchable filter systems

### [Standing filter](#)

Filter plant with base construction

### [Star filter](#)

Star-shaped sewn filter bag

### [Stationary](#)

Unchanging location

### [Sterile](#)

Absence of von reproducible germs

### [Supporting cage](#)

Wire bent component

### [Supporting frame](#)

cf. supporting cage

### [Surface filter](#)

Plant for separating dust

### [Surface filtration](#)

Dust separating at the filter surface

### [Surface heat tracing](#)

Heating the outside surface of a plant.

### [Surface resistance](#)

Electrical resistance especially in case of plastic surfaces.

[Suspended matters filter box](#)

Duct filter with integrated HEPA cassette.

## **Market place**

You find the market place for used filter units here.

## **Downloads**

You find all manuals PDF files [here](#).

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You find all upcoming fair dates [here](#).

## **Newsletter**

Sign up here for our [newsletter](#) and make sure to receive free tickets for our trade fairs.

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