

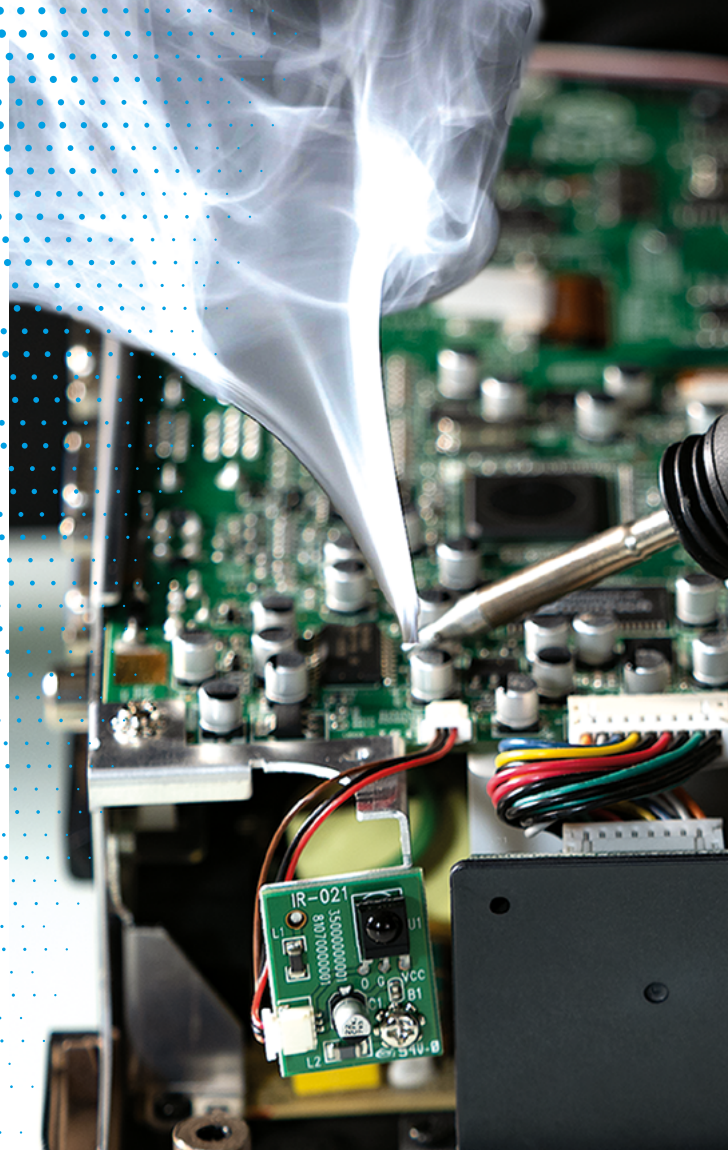
Individual and customized
**filter systems for
solder fume extraction**

Klepp solder fume filter (KLF)
Adjustable
Stationary
Ecoline



ADDED VALUES

- Easy filter change
- Short maintenance times
- Suitable for permanent operation
- Maintenance free motor
- Longer filter life
- Low operating costs



YOUR BENEFITS

Easily integrated at the workplace

Various ways of capturing the pollutants and various controls.

Flexible application possibilities for almost every area of operation

Wide range of equipment.

Extremely quiet

Thanks to the sound insulation of fan, filter and air outlet section.

Low operating costs

It is convenient to replace the filters yourself. The activated carbon filter can always be refilled – deposit system.

Efficient filter surfaces

High filtration performance thanks to utilization of the entire filter area.

Low electricity consumption

Fans according to ErP guidelines.

Klepp solder fume filter (KLF) for a clean and safe working environment.

We design and manufacture individual system solutions to clean the working air from emissions such as the soldering fumes.

The KLF series is designed to ensure that pollutants generated during the soldering process are extracted and filtered directly, permanently and optimally. Our practical elements capture pollutant-containing fumes, gases and aerosols directly at the point of origin and passes them to the filtering unit via an individually adapted hose system or piping. A wide range of detection elements for optional table, wall or ceiling mounting guarantee maximum flexibility.

Our sustainable triple stage filtration system consisting of **pre-filter mat**, **HEPA filter** and **activated carbon filter**, cleans the intake air and thus offers the best protection in the workspace.

TECHNICAL DATA OVERVIEW

Adjustable

Klepp's adjustable solder fume filter systems continuously regulate the air flow rate via LED display and can thus be easily adapted to the respective requirement for extracting the pollutant load.

| | KLF 703 | KLF 703/4 | KLF 803 | KLF 1003 |
|-----------------------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|
| Number of workstations | 1 - 2 (mobile) | 2 - 4 (mobile) | 2 - 5 (mobile) | 5 - 10 (mobile) |
| Air performance | adjustable (optional SPS) | adjustable (optional SPS) | adjustable (optional SPS/DDS) | adjustable (optional SPS/DDS) |
| Unimpeded air flow rate | 300 m ³ /h | 390 m ³ /h | 390 m ³ /h | 1.000 m ³ /h |
| Real air flow rate | 250 m ³ /h | 300 m ³ /h | 340 m ³ /h | 750 m ³ /h |
| Filter class according to EN 1822 | H13 changeable; optional H14 | H13 changeable; optional H14 | H13 changeable; optional H14 | H13 changeable; optional H14 |
| Activated carbon | 2,5 kg | 2,5 kg | 2,5 kg | 8,0 kg |
| Sound pressure level | 60 dB(A) | 62 dB(A) | 55 dB(A) | 68 dB(A) |

Disclaimer: Subject to change; the respective current Klepp machine specification is valid.

The KLF 703, KLF 803 and KLF 1003 solder fume filters are also available in the KLF-Ecoline version and guarantee, with simplified operation, our proven system quality with a separation efficiency of 99.95% at an attractive purchase price.

Stationary

The stationary Klepp solder fume filter systems guarantees you a constant air performance and ensures permanently the optimal extraction performance.

| | KLF 1703 | KLF 2003 | KLF 3003 |
|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Number of workstations | 6 - 15 | 8 - 21 | 12 - 33 |
| Air performance | constant (optional SPS/DDS) | constant (optional SPS/DDS) | constant (optional SPS/DDS) |
| Unimpeded air flow rate | 1700 m ³ /h | 2100 m ³ /h | 3550 m ³ /h |
| Real air flow rate | 1600 m ³ /h | 1700 m ³ /h | 2100 m ³ /h |
| Filter class according to EN 1822 | H13 changeable; optional H14 | H13 changeable; optional H14 | H13 changeable; optional H14 |
| Activated carbon | 21,0 kg | 21,0 kg | 21,0 kg |
| Sound pressure level | 75 dB(A) | 73 dB(A) | 73 dB(A) |

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Your need, our solution
for a clean working environment.

With us you get planning,
assembly and service from one source
“MADE IN GERMANY“

Protecting the environment also means for us that our filter systems are used sustainably. To this end, we have specially developed a deposit system that guarantees our customers that their used activated carbon filters will be emptied, professionally cleaned and reused. For us, protecting the environment means making optimum use of the product cycle and thus protects not only our employees but also the environment.

Our range of services extends from extraction systems for single workstation up to 40 workstations or machines e.g. wave soldering system, reflow oven, vapor phase and laser soldering system. Our filter systems are individually assembled by hand from system components “Made in Germany“ in Bad Aibling as high quality unique pieces. Work cabinets, under table extraction systems and suction slot channels can also be produced in special sizes to meet specific requirements.

Klepp distribution partner

www.klepp.de

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