Fume Extraction Technology
Product Overview
Fume extraction technology for all applications. Under any condition.

ULT develops and produces fume extraction solutions for all industrial processes that release air pollutants, protecting humans, machinery and products. This also applies for processes using the latest technologies. Depending on the application, saturation or cartridge filter units are the technology of choice, sometimes even combinations thereof. ULT offers a well-graded range of excellent extraction and filtration units. Often, however, this technology requires a unique adaptation to the users’ specific environments. This product overview provides a pre-selection in the first stage. Thereafter, ULT will be happy to discuss details of the solution that best fit the requirements.

Saturation filter units
Saturation filter units are equipped with exchangeable filter modules. They are primarily designed for low to medium pollutant concentrations and sticky dusts. The systems feature various filter modules that are combined with regard to respective air pollutants. The normally small footprint of saturation filter units brings some advantages into play: compact and mobile solutions.

Saturation filter units, selection
Laser processing of metals, plastics or rubber, medical laser applications

Filling, dosing, sintering, grinding, cutting, milling

All manual and automated soldering processes

Gluing, potting, laminating, cleaning, coating, dosing

**LAS 300**
**ASD 500**
**LAS 1500**

**Additional solutions**

- All manual and automated welding processes (SRA series)
- Turning, milling and other metal processing using cooling lubricants (AOD series)
- Innovative coatings or material compounds
- Gas and air cleaning at AM processes, post-processing, powder handling
- Processes under dry air, e.g. chemical and pharmaceutical industries, food production, electronics manufacturing
- Ionization and surface cleaning
- Engineering solutions for special applications, entire production plants and facilities
**Cartridge filter units**

Cartridge filter units are equipped with integral, cleanable filter modules. They are utilized for medium to high pollutant concentrations, preferably for dry airborne contaminants. Cartridge filter units are mainly stationary devices.

**Cartridge filter units, selection**

Depending on pollutant composition and amount, ULT designs combinational systems of cartridge and saturation filter modules for individual applications. This will be done in close co-operation with the user.
Benefits

**Highly effective.**
Fume extraction technology from ULT achieves highest efficiencies through high-quality drives, perfect management of flow mechanics and innovative filtration concepts.

**User-friendly.**
The units are easy to operate, have very low energy consumption and feature extraordinary low noise levels.

**Low maintenance.**
ULT’s extraction and filtration technology permits long maintenance intervals, making it perfectly suitable for automated production. Easy and low contamination filter exchange.

**Flexible.**
The units can be combined with extraction arms, extraction cabinets, suction hoods and tables, or even be integrated into production cells. They can be individually adapted to a multitude of applications.

**Open to special requirements.**
Many units are available in alternative versions with a variety of accessories: Electro Static Discharge (ESD) or explosion protection, stainless steel enclosures and integrated control or interfaces for external control.
ULT AG
Am Göpelteich 1, 02708 Löbau, Germany
Phone: +49 (0) 3585 4128-0
Fax: +49 (0) 3585 4128-11
Hotline: +49 (0) 800 8582400
E-mail: ult@ult.de

ULT is certified according to DIN EN ISO 9001:2015. The plants are designed meeting international standards. If required, they will be certified according to ATEX and W3 and tested to meet H requirements.

In addition, the plants always comply with current EC directives on energy efficiency (ErP directive: Total energy efficiency of ready-to-use ventilation systems or minimum energy efficiency of electric motors).

Detailed technical information can be found on device specific data sheets or on our website. All technical data is general and not binding and does not guarantee the suitability of a product for a specific application.