



## Benefits

### Highly effective.

Extraction and filtration technology from ULT achieves highest efficiencies through high-quality drives, perfect management of flow mechanics and innovative filtration technologies.

### 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

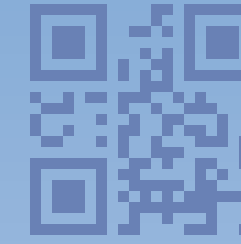
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ULT is certified according to ISO 9001:2008. The plants are designed meeting international standards. If required, they will be certified according to ATEX and W3 and tested to meet H requirements.

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 web-site.

All technical data is general and not binding and does not guarantee the suitability of a product for a specific application.



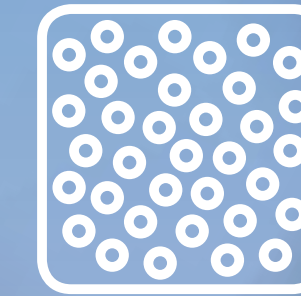
[www.ult.de/en](http://www.ult.de/en)



Webshop:  
 Extraction arms  
 and accessories



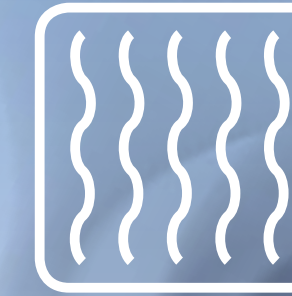
Laser Fumes



Dust and Smoke



Soldering Fumes



Odours, Gases, and Vapours



Cleaning Industrial Gases



Process Air Drying



Welding Fumes



Oil and Emulsion Mists



Complete Solutions

ULT\_PUE\_01/16/EN



Made in Germany

[www.ult.de](http://www.ult.de)

# Extraction and Filtration Technology Product Overview

Extraction. Filtration. Persistence.



# Extraction and Filtration Technology for all Applications. Under any Condition.

ULT develops and produces extraction and filtration 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 FUMES**  
Laser processing of metals, plastics or rubber, medical laser applications



**DUST AND SMOKE**  
Filling, dosing, sintering, grinding, cutting, milling



**SOLDERING FUMES**  
All manual and automated soldering processes



**ODOURS, GASES, AND VAPOURS**  
Gluing, potting, laminating, cleaning, coating, dosing



**WELDING FUMES**  
All manual and automated welding processes

LAS	ASD	LRA	ACD	SRA	Series
LAS JUMBO	ASD JUMBO	LRA JUMBO	ACD JUMBO		80 m³/h
LAS 160	ASD 160	LRA 160	ACD 160		Performance Classes Airflow
LAS 200	ASD 200	LRA 200	ACD 200	SRA 200	
LAS 260					
LAS 300	ASD 300	LRA 300	ACD 300	SRA 300	
LAS 400	ASD 400	LRA 400	ACD 400		
LAS 500	ASD 500			SRA 500	
LAS 1200	ASD 1200	LRA 1200	ACD 1200	SRA 1200	
LAS 1500	ASD 1500				
LAS 2500	ASD 2500				
LAS 3000					
				SRA PN 40	
	ASD PN 60			SRA PN 60	
	ASD PN 100			SRA PN 100	

Saturation filter units
  Cartridge filter units
  Available as saturation and cartridge filter units

## Additional Solutions



**OIL AND EMULSION MISTS**  
Turning, milling and other metal processing using cooling lubricants



**NEW EMISSIONS**  
Innovative coatings or material compounds



**CLEANING INDUSTRIAL GASES**  
Processes under inert gas or protective gas atmosphere, rapid prototyping



**PROCESS AIR DRYING**  
Processes under dry air, e.g. chemical and pharmaceutical industries, food production, electronics manufacturing



**COMPLETE SOLUTIONS**  
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 utilised 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.