

## Benefits

### Highly Effective

Extraction and filtration technology from ULT achieves highest efficiencies through high-quality drives, perfect management of flow mechanics and innovative filter 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. Filter exchange is fast and easy and does not require any special protective measure.

### Flexible

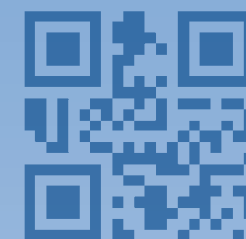
The units can be combined with extraction arms, extraction cabinets, suction hoods and tables or even be integrated into production cells. They can be adapted to a multitude of processes.

### 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 for corrosive gases and integrated control or interfaces for external control to mention but a few.

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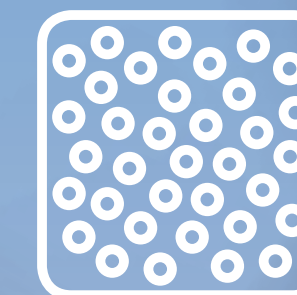
ULT is certified according to ISO 9001:2008. The units are designed according to international standards. If required, they will be certified according to ATEX and W3 and tested to meet H requirements.

In addition, the units 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.



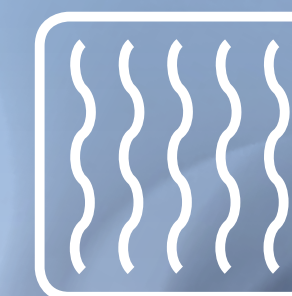
Laser Fumes



Dust and Smoke



Soldering Fumes



Odours, Gases, and Vapours



Cleaning Industrial Gases



Process Air Dehumidification



Welding Fumes



Oil and Emulsion Mists



Complete Solutions

ULT\_PUE\_06/15/EN



# Extraction and Filtration Technology Product Overview

Made in Germany

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

Extraction. Filtration. Persistence.



# Extraction and Filtration Technology for all Applications. Under all Conditions

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. In the first instance, users should establish the kind of units that would best suit their application. Thereafter, ULT will be happy to discuss details of the solution that best fit the requirements.

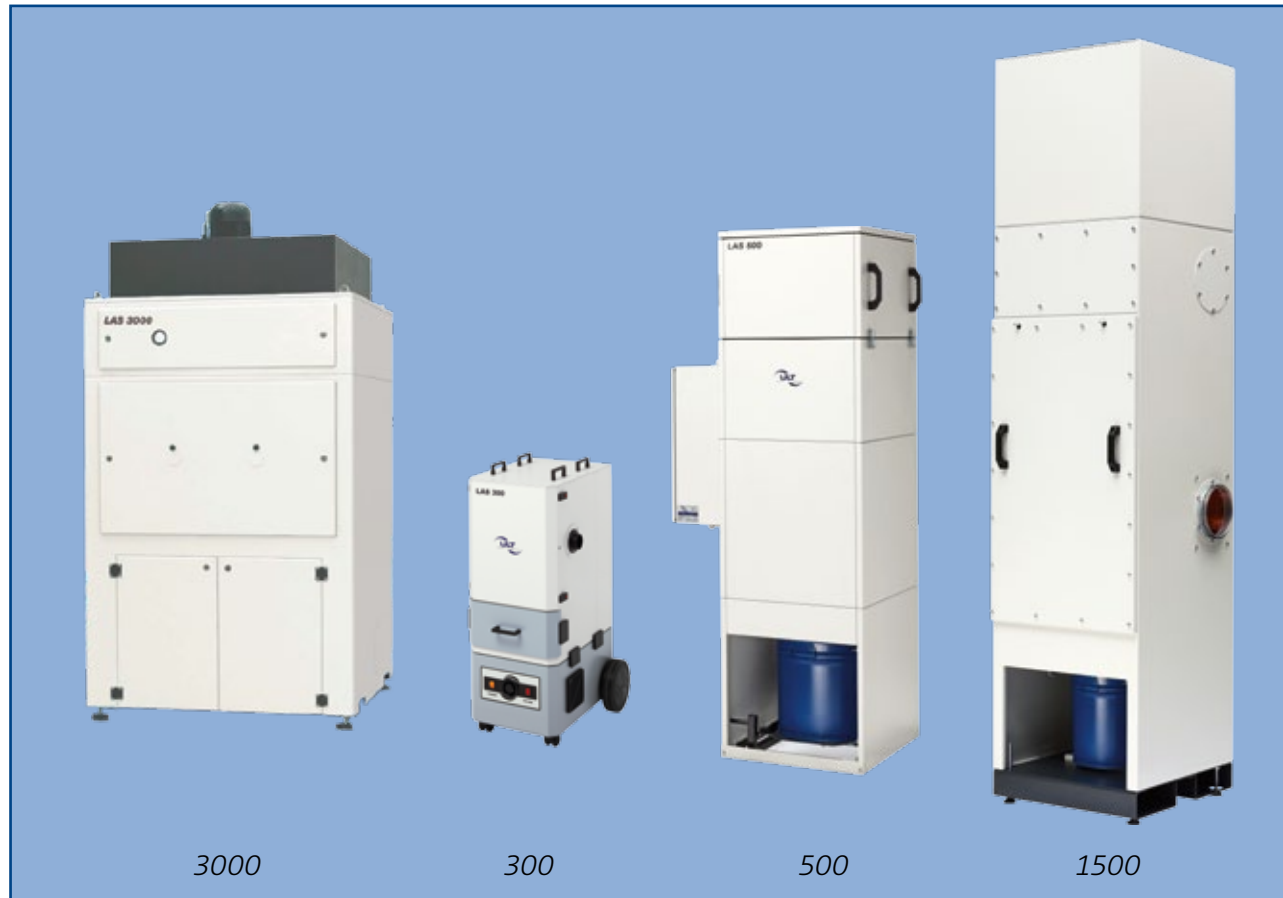
## Saturation Filter Units

Exchangeable filters for low pollutant quantities and sticky dusts (selection)



## Cartridge Filter Units

Dedustable filter cartridges for higher contents of dry pollutants (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



All manual and automated welding processes



Turning, milling and other metal processing using cooling lubricants

LAS	ASD	LRA	ACD	SRA	AOD
Jumbo	Jumbo	Jumbo	Jumbo		
160	160	160	160		
200	200	200	200	200	200
260					
300	300	300	300	300	
400	400	400	400		
500	500			500	
1200	1200	1200	1200	1200	1000
1500	1500				
2500	2500				
3000					
				PN 40	
	PN 60			PN 60	
	PN 100			PN 100	

< Application

< Series

80 m³/h

Performance Classes  
Airflow

10,000 m³/h

## Other solutions



Innovative coatings or material compounds



Processes under inert gas or protective gas atmosphere



Processes under dry air, e.g. chemical and pharmaceutical industries, food production



Engineering solutions for special applications, entire production plants and facilities