

Laser Fumes

Dust and Smoke

Soldering Fumes

Odors, Gases, and Vapors

Welding Fumes

# Fume Extraction Technology

## Product Overview

Extraction. Filtration. Persistence.



# Fume Extraction Technology for all Applications: Under any Condition.

ULT has been engineering and manufacturing state of the art fume extraction systems, encompassing all industrial processes, since 1994. If airborne pollutants are released, laborers, machinery and products, along with the environment, are all at risk of being seriously harmed. This is where ULT steps in.

Depending on the specific application, saturation or cartridge filter units will be recommended, sometimes even a combination of both. ULT offers a top-notch range of industry leading fume extraction units. Often a unique and custom-built adaptation to the users' specific environment(s) is required, ULT being the solution.

Saturation filter units come with exchangeable filter modules, primarily designed for low to medium pollutant concentrations and sticky dusts. Cartridge filter units are equipped with integrated de-dusting filter modules. They are used for medium to high pollutant concentrations, preferably dry airborne contaminants. Depending on pollutant composition and amount, ULT provides custom-built hybrid systems of cartridge and saturation filter modules for any application.

From small to large,  
and for various  
application  
opportunities:  
fume extraction  
systems from ULT



ULT JUMBO Filtertrolley 2.0



LAS 260



**ODORS,  
GASES, AND  
VAPORS**

Gluing, potting,  
laminating, cleaning,  
coating, dosing



**DUST AND  
SMOKE**

Filling, dosing, sintering,  
grinding, cutting, milling



**LASER  
FUMES**

Laser processing  
of metals, plastics or  
rubber, medical laser  
applications



**SOLDERING  
FUMES**

All manual and  
automated soldering  
processes

| ACD                     | ASD                     | LAS                     | LRA                     | Series                           |                           |
|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------------|---------------------------|
| ACD JUMBO Filtertrolley | ASD JUMBO Filtertrolley | LAS JUMBO Filtertrolley | LRA JUMBO Filtertrolley | 47 cfm /<br>80 m³/h              |                           |
| ACD 160                 | ASD 160                 | LAS 160                 | LRA 160                 | Airflow Performance Classes<br>↓ |                           |
| ACD 200                 | ASD 200                 | LAS 200                 | LRA 200                 |                                  |                           |
|                         |                         | LAS 260                 |                         |                                  |                           |
|                         | ASD 300                 | LAS 300                 |                         |                                  |                           |
| ACD 1200                | ASD 1200                | LAS 1200                | LRA 1200                |                                  |                           |
|                         | ASD 1500                | LAS 1500                |                         |                                  |                           |
|                         | ASD 2500                | LAS 2500                |                         |                                  |                           |
|                         |                         |                         |                         |                                  |                           |
|                         |                         |                         |                         |                                  | 2,943 cfm /<br>5,000 m³/h |



**WELDING  
FUMES**

ULT Airtower: A unique solution for all manual and automated welding processes.  
Air flow rates from 2,943 cfm / 5,000 m³/h to 11,772 cfm / 20,000 m³/h



Saturation filter units

Cartridge filter units

Available as saturation  
and cartridge filter units



LRA 160



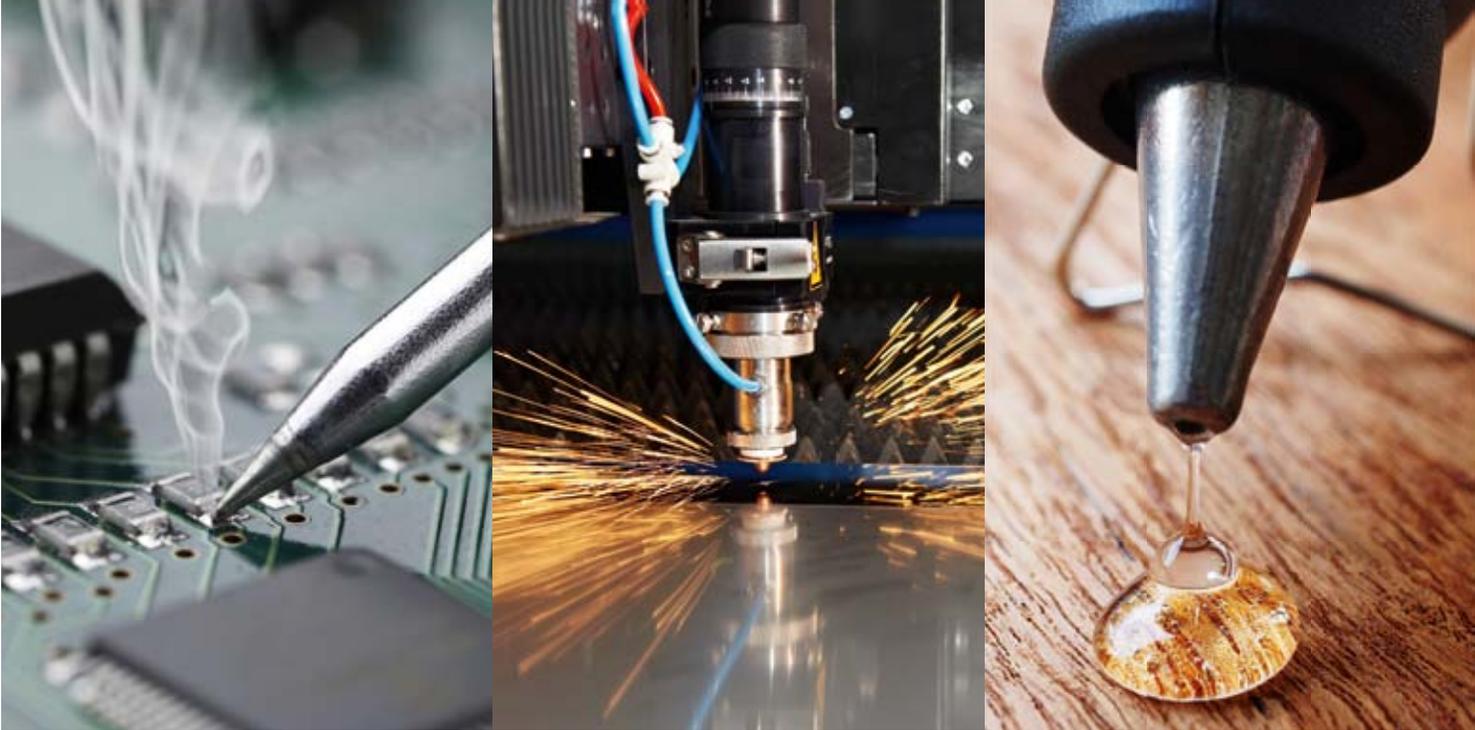
ACD 200



ASD 300 cartridge



ULT Airtower



## Benefits

### Highly effective

High-quality blowers and perfectly designed airflow management with second-to-none filtration technology, contribute to getting the job done professionally every time.

### User-friendly

The units are easy to operate and feature extremely low noise emission, with minuscule energy consumption.

### Low maintenance

ULT's fume extraction technology allows for extended maintenance intervals, making it thoroughly suitable for automated processes. Conjointly, it makes for easy disposal of used filters.

### Flexible

Units can be operated with extraction arms, enclosures, suction hoods and tables, or even integrated into production booths. The versatility of these units allows them to be individually adapted to a multitude of applications.

### Open to special requirements

Many units are available in alternative versions, with a large variety of accessories, such as electrostatic discharge (ESD) or explosion proof, with stainless steel enclosures and integrated controls / interfaces for remote control.

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ULT is certified according to ISO 9001:2008.

The plants are designed meeting international standards such as EC or UL.

The products are covered under one or more European/international patents and/or patent pending applications.

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.

ULT\_PUE\_05/18/US

Made in Germany

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[ult-usa.com](http://ult-usa.com)