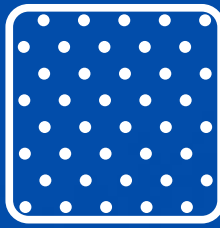




Laser fume



Dust and smoke



Soldering fume



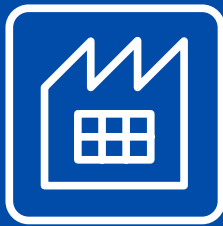
Odors, gases, vapors



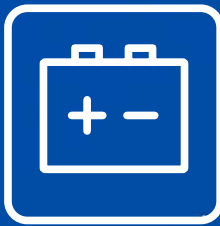
Oil and emulsion mists



Additive manufacturing



Complete solutions



Battery cell production



Process air drying

Extraction and filtration technology

Product overview

Extraction and filtration technologies for airborne pollutants

ULT develops and produces extraction and filtration solutions for all industrial processes that release airborne pollutants - protecting humans, machinery, and products. This also applies to the most modern manufacturing processes. Depending on the application, storage or cartridge filter devices are the technology of

choice, sometimes combinations thereof. ULT offers a well-graded range of high quality extraction and filtration systems. In many cases, however, an adaptation to the customer's local conditions is required. The product overview provides a pre-selection in the first stage. Thereafter, we look forward to hearing from you.

Storage filter system

Storage filter systems are equipped with replaceable filter modules. They are primarily designed for low to medium pollutant concentrations and sticky dusts. In some devices, various filter modules are combined to achieve a maximum separation rate. If the composition of the respective air pollutants requires it, appropriate filter combinations are used to ensure the greatest possible separation rate. Storage filter devices are mostly mobile and space-saving.



JUMBO Filtertrolley 2.0



LAS 160.1



ACD 200.1



LAS 260.1



LRA 300



ASD 1200



LASER FUME

Laser processing of metals, plastics or rubber, laser medicine



DUST AND SMOKE

Filling, dosing, sintering, grinding, cutting, milling



SOLDERING FUME

All manual and automated soldering operations



ODORS, GASES, VAPORS

Bonding, casting, laminating, cleaning, coating, dosing

LAS series

- JUMBO Filtertrolley LAS
- LAS 160.1
- LAS 200.1
- LAS 260.1
- LAS 300
- LAS 400
- LAS 500
- LAS 800
- LAS 1200
- LAS 1500
- LAS 2000
- LAS 2500
- LAS 3000

ASD series

- JUMBO Filtertrolley ASD
- ASD 160.1
- ASD 200.1
- ASD 300
- ASD 400
- ASD 500
- ASD 1200
- ASD 1500
- ASD 2000
- ASD 2500
- Airline 4P
- Airline 6P

LRA series

- JUMBO Filtertrolley LRA
- LRA 160.1
- LRA 200.1
- LRA 300
- LRA 400
- LRA 1200

ACD series

- JUMBO Filtertrolley ACD
- ACD 160.1
- ACD 200.1
- ACD 220 Ex
- ACD 400
- ACD 1200

80 m³/h

Performance classes volume flow



10,000 m³/h

■ Storage filter systems

■ Cartridge filter systems

■ Available as both storage and cartridge filter systems

Additional solutions



OIL AND EMULSION MISTS

Drilling, milling, turning, and other metal processing using cooling lubricants (AOD series)



ADDITIVE MANUFACTURING

Process gas and air cleaning in metal AM, post-processing, powder handling, process air conditioning



PROCESS AIR DRYING

Processes requiring dehumidified process air in industries such as chemical and pharmaceutical, food and beverage, battery cell production, and many more



IONIZATION

Surface cleaning and ESD protection



COMPLETE SOLUTIONS

Engineering solutions for special applications, complete plants and facilities

Cartridge filter systems

Cartridge filter systems are equipped with integral, cleanable filter elements. They are utilized for medium to large pollutant concentrations, preferably for dry particles. Cartridge filter units are mainly used stationary.

If pollutant composition and amount require a special solution, ULT designs combinational systems of cartridge and storage filter modules - in close cooperation with our customers.



LAS 300



LAS 800



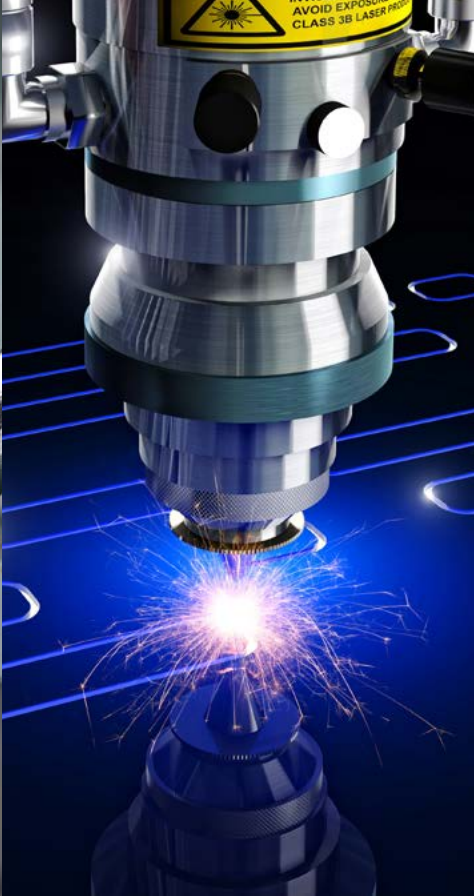
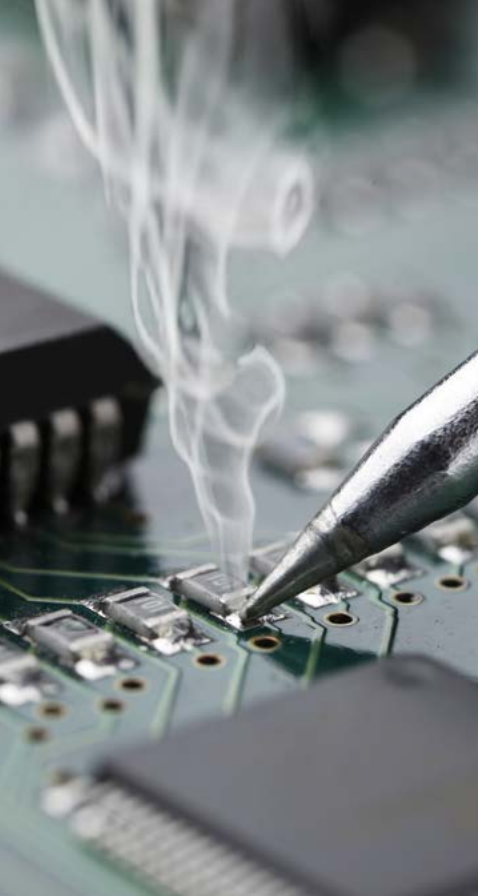
ASD 1200



LAS 500



ASD 2500



Benefits

HIGHLY EFFECTIVE

Fume extraction technology from ULT achieves maximum efficiency through high-quality drives, perfect management of flow mechanics, and innovative filtration concepts.

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.

OPEN TO SPECIAL REQUIREMENTS

Many devices are available in alternative versions with a variety of accessories: ESD or explosion protection, stainless steel enclosures, with integrated control, or interfaces for external control.

USER-FRIENDLY

The units are easy to operate, require low energy efforts, and feature extraordinary low noise levels.

FLEXIBLE

Our systems can be combined with extraction arms or cabinets, suction hoses and tables, or even be integrated into production cells. They can be individually adapted to a multitude of applications

ULT is certified in compliance with Std. ISO 9001:2015. The plants 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 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.

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