

FILTRATION & PURIFICATION AT THE SERVICE OF ALL

Air and water filtration and purification are among the major environmental challenges of the 21st century.

More and more industries have manufacturing processes that require the use of water and/or air. However, if it is not possible to discharge them into the environment, after obtaining the final product, without treatment or purification, it is essential to find global and perfectly adapted solutions from partners whose competence, reliability and experience are recognized.

The Swiss company DOLDER AG, with its DOLDER FILTRATION & PURIFICATION division, has been successfully engaged in this field for many years and has made the filtration and purification of water, air and all other harmful substances its specialty.

For our generation and for the following ones.

DOLDER PURE

COMPREHENSIVE SOLUTIONS FOR FILTRATION AND PURIFICATION

DOLDER FILTRATION & PURIFICATION offers three ranges within its brand, DOLDER PURE:

- PURE MATERIALS: adsorbents, filtering media, flocculants, anti-foaming solutions, etc.
- PURE SYSTEMS: from the design to the installation of complete filtration systems, filters, dosing systems.
- PURE ANALYTICS: analysis of filter media in use, analysis of micropollutants in water.

PURE MATERIALS: ADSORBENTS, FILTER MEDIA, FLOCCULANTS

ADSORBANTS

- Activated carbon
- Molecular sieves (zeolites)
- Alumina activated with potassium and sodium permanganate (chemisorption)
- Adsorbent composites
- Defoamers
- Flocculants
- Polymer-based adsorbents (MOF)

FILTRATION MEDIA

- Anthracites
- Non-woven filters
- Pumice stone
- Quartz
- Silica gel



ACCREDITATIONS

REACH, HACCP, ISO 9001, EN 12915

APPLICATIONS (EXAMPLES)

DRINKING WATER

- Ion and particle removal
- Removal of algae, turbidity and bacteria
- Elimination of micropollutants
- Removal of heavy metals and fluorides
- DOC/TOC reduction

BIOGAS AND FLUE GAS

- CO₂ and H₂ cleaning
- Moisture removal
- Elimination of pollutants (COV, H₂S, siloxanes), dioxins, furans and mercury

AIR

- Air purification and deodorization
- Ozone removal
- Removal of VOCs, SO_x, NO_x, CO_x, H₂S, mercaptans, heavy metals, acidic vapours, etc.
- Air treatment for the protection of electrical equipment (corrosive gases)
- Neutralization of chlorine gas by dry process

WASTE WATER / PROCESS WATER

- Removal of moss, algae, turbidity, bacteria and micropollutants
- Particle removal
- DOC/TOC reduction
- Sludge dewatering

PURE SYSTEMS: TAILOR-MADE SOLUTIONS

Filtering a liquid or air is complex, the needs being specific to each situation. As a generator of ideas and solutions, DOLDER PURE distinguishes itself by providing innovative, tailor-made concepts for the filtration and purification of all harmful substances.

DOLDER PURE provides perfectly matched solutions that are ready to be installed, whether it is a question of studying the composition of the fluids to be filtered, their dimensioning, or evaluating the service life of the system. The objective is to guarantee „PURE“ water, air or any other liquid, thus working together to maintain a cleaner environment.



Example of a mobile filter system to treat contaminated water

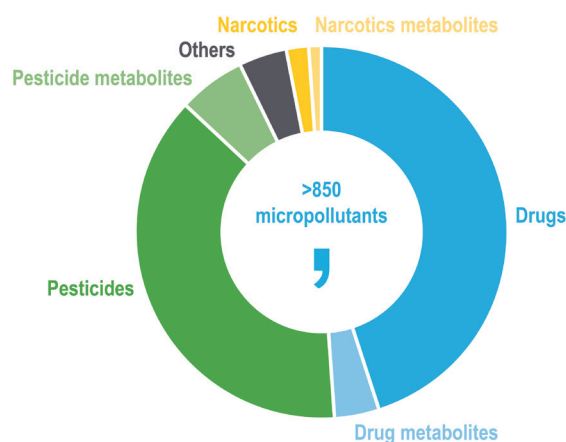
PURE ANALYTICS: FILTER, PURIFY, ANALYZE

PURE MEDIA ANALYTICS

DOLDER PURE provides, on request, tests and analyses to determine the remaining service life of filters with activated carbon, giving a picture of the carbon or filter media charge.

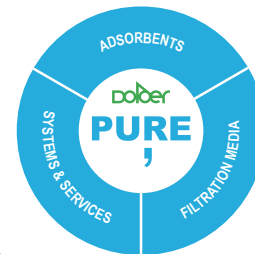
PURE WATER ANALYTICS

A new range of water analysis solutions enabling - thanks to innovative techniques - to analyze water and search for more than 850 micropollutants, in order to define the best filtration media, according to the water composition.



Semi-quantitative analyses with detection threshold of the order of ng/L

YOUR SOLUTION ARCHITECTS



DOLDER MEANS VALUE

THINK GLOBAL, ACT LOCAL

Founded in 1898, our family-owned company DOLDER LTD. is headquartered in Basel (Switzerland) - the world's life sciences metropolis - with subsidiaries in France, Germany, Italy, Spain and Turkey. This ensures close proximity and fast responsiveness to our partners.

DOLDER FILTRATION & PURIFICATION: YOUR SOLUTION ARCHITECT

Based on its history, its high level of expertise and its in-depth knowledge in the fields of fine chemicals and chemical raw materials, our company has been working for many years on the development of the DOLDER FILTRATION & PURIFICATION division. Bringing together multidisciplinary specialists in the fields of filtration and purification in water and air treatment, as well as in the pharmaceutical and food processing sectors. This team offers tailor-made filtration solutions with filter, media, design, sizing, real-time monitoring, analysis of the media to be filtered, etc., under our brand name, DOLDER PURE.

THE FUTURE

As the technological evolution progresses, DOLDER FILTRATION & PURIFICATION follows the latest trends, looking for the most efficient and innovative solutions.



DOLDER LTD.

Immengasse 9
CH-4001 Basel

Tel: +41 61 326 66 00
pure@dolder.com

www.dolder.com/pure