

## Chemap<sup>®</sup> Pressure Leaf Filter

### for Filtration Processes in Pharmaceutical Production

- ✓ Suitable for CIP and SIP procedures
- ✓ Available in Hastelloy and other special materials
- ✓ IQ and OQ available as part of the scope of services

### Reliability meets pharmaceutical requirements

With a Chemap<sup>®</sup> pressure leaf filter, you can achieve the highest level of process reliability in the filtration process.

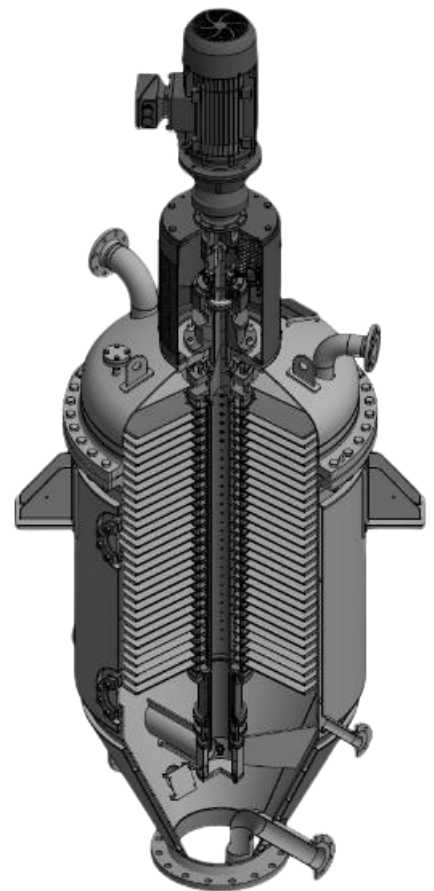
The closed filter system enables high, consistent product quality, protection of personnel and efficient process control.

As a specialist in pharmaceutical filtration, we offer filtration solutions for numerous applications in the pharmaceutical industry.

Chemap<sup>®</sup> filters are executed individually for the respective task. Pharma-specific requirements are comprehensively considered.

### Examples of applications for Chemap<sup>®</sup> filters

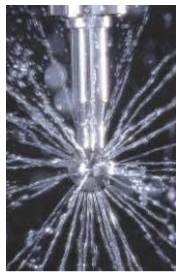
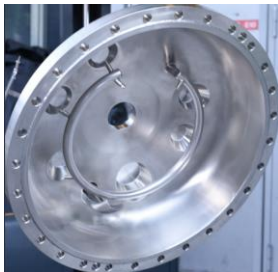
- ✓ Active pharmaceutical ingredients (API)
- ✓ Antibiotics
- ✓ Activated carbon from product solutions
- ✓ Insulin, vaccines and other injectables
- ✓ Vitamins
- ✓ X-ray contrast agent



## The advantages of the Chemap® pressure leaf filter



- Chemap® filters enable the complete separation of fine to medium-coarse solid particles and the recovery of clear filtrate.
- The filter cake can be washed and post-treated. Cascade washing requires a minimal amount of washing fluid for efficient displacement washing.
- The filtration system works fully automatically, including discharge of the filter cake.
- A Chemap® filter is a closed system that is operated in batches and allows complete batch separation.
- High flexibility in the shape and design of the filter media; 3D fabric structure with a lower tendency to clog and flow-optimized compared to alternative filter media.



## Our support for your project

Based on your process requirements and our experience, we provide design calculations for filter area, filter design and process parameters as well as CFD simulations for CIP cleanability.

If filtration tests on a laboratory scale are possible, we perform those with our test filters and take the results into account when planning the filter system.

We accompany the commissioning of the Chemap® filter in your plant to achieve an optimal operation of the filtration process and to ensure good product quality and operational reliability in the long term.

**Contact us, we will be happy to support you!**

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